

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102601.D
 Acq On : 29 Jan 2018 17:13
 Operator : SJ/JU
 Sample : PB106132BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:08:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150177	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	628198	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	281828	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	488699	20.00	ng	0.00
75) Chrysene-d12	13.89	240	375985	20.00	ng	0.00
86) Perylene-d12	15.32	264	313053	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1101580	111.22	ng	0.02
7) Phenol-d6	6.37	99	1307137	109.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	825314	75.50	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	264440	94.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1447703	75.53	ng	0.00
78) Terphenyl-d14	12.83	244	1356271	81.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	173011	36.765	ng	96
3) Pyridine	3.16	79	458997	37.323	ng	96
4) n-Nitrosodimethylamine	3.12	42	221771	45.998	ng	99
6) Aniline	6.38	93	244057	15.453	ng	# 1
8) 2-Chlorophenol	6.50	128	417595	40.221	ng	98
9) Benzaldehyde	6.26	77	179243	23.751	ng	98
10) Phenol	6.39	94	486099	37.289	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	392838	39.622	ng	98
12) 1,3-Dichlorobenzene	6.66	146	436224	35.328	ng	98
13) 1,4-Dichlorobenzene	6.73	146	443187	35.830	ng	99
14) 1,2-Dichlorobenzene	6.89	146	405370	35.829	ng	98
15) Benzyl Alcohol	6.87	79	314065	37.278	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	605528	36.414	ng	# 43
17) 2-Methylphenol	6.99	107	335533	37.211	ng	# 90
18) Hexachloroethane	7.22	117	157116	36.452	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	277658	37.997	ng	97
20) 3+4-Methylphenols	7.15	107	448496	42.291	ng	94
22) Acetophenone	7.13	105	574567	38.368	ng	98
24) Nitrobenzene	7.30	77	427505	38.215	ng	98
25) Isophorone	7.55	82	768839	39.452	ng	99
26) 2-Nitrophenol	7.62	139	237086	40.267	ng	93
27) 2,4-Dimethylphenol	7.66	122	377909	44.203	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	499023	41.452	ng	99
29) 2,4-Dichlorophenol	7.87	162	347982	39.958	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	331550	35.516	ng	98
31) Naphthalene	8.02	128	1168146	37.244	ng	100
32) Benzoic acid	7.82	122	234072	32.678	ng	96
33) 4-Chloroaniline	8.08	127	113963	8.641	ng	98
34) Hexachlorobutadiene	8.13	225	166583	33.411	ng	96
35) Caprolactam	8.46	113	78697	27.362	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	370386	40.349	ng	99
37) 2-Methylnaphthalene	8.72	142	795070	38.063	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	303472	35.791	ng	99
40) Hexachlorocyclopentadiene	8.86	237	182544	48.106	ng	98

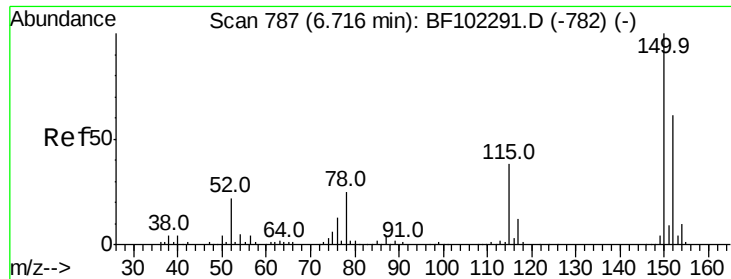
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	216188	38.087	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	227138	35.541	ng	98
45) 1,1'-Biphenyl	9.17	154	921703	36.576	ng	98
46) 2-Chloronaphthalene	9.20	162	714770	36.491	ng	98
47) 2-Nitroaniline	9.31	65	241665	39.573	ng	98
48) Acenaphthylene	9.62	152	1090465	35.734	ng	99
49) Dimethylphthalate	9.48	163	831489	35.694	ng	99
50) 2,6-Dinitrotoluene	9.55	165	188057	37.444	ng	96
51) Acenaphthene	9.79	154	640565	35.942	ng	99
52) 3-Nitroaniline	9.72	138	103337	17.393	ng	91
53) 2,4-Dinitrophenol	9.84	184	156600	69.979	ng	# 20
54) Dibenzofuran	9.96	168	920256	38.153	ng	98
55) 4-Nitrophenol	9.91	139	215848	55.036	ng	90
56) 2,4-Dinitrotoluene	9.96	165	227640	36.858	ng	# 90
57) Fluorene	10.30	166	755114	39.508	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	172821	37.874	ng	95
59) Diethylphthalate	10.17	149	810773	35.816	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	318766	38.468	ng	97
61) 4-Nitroaniline	10.34	138	200751	33.861	ng	92
62) Azobenzene	10.46	77	795732	38.394	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	107092	32.846	ng	88
65) n-Nitrosodiphenylamine	10.42	169	688199	38.367	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	196383	37.329	ng	97
67) Hexachlorobenzene	10.85	284	203850	34.647	ng	99
68) Atrazine	10.95	200	210692	39.771	ng	99
69) Pentachlorophenol	11.06	266	164877	53.345	ng	99
70) Phenanthrene	11.27	178	1058843	37.182	ng	99
71) Anthracene	11.32	178	1116426	38.409	ng	99
72) Carbazole	11.48	167	1065625	37.579	ng	99
73) Di-n-butylphthalate	11.80	149	1297082	36.594	ng	99
74) Fluoranthene	12.46	202	1097259	37.784	ng	100
76) Benzidine	12.58	184	344941	27.310	ng	98
77) Pyrene	12.69	202	1127685	38.792	ng	100
79) Butylbenzylphthalate	13.30	149	559913	38.704	ng	98
80) Benzo(a)anthracene	13.87	228	936504	40.457	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	200987	23.669	ng	95
82) Chrysene	13.92	228	887624	37.760	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	731598	37.630	ng	# 97
84) Di-n-octyl phthalate	14.46	149	1135561	35.916	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.73	276	662170	34.109	ng	97
87) Benzo(b)fluoranthene	14.91	252	787861	38.829	ng	98
88) Benzo(k)fluoranthene	14.94	252	728810	38.018	ng	98
89) Benzo(a)pyrene	15.26	252	713500	38.989	ng	98
90) Dibenzo(a,h)anthracene	16.74	278	549165	37.046	ng	97
91) Benzo(g,h,i)perylene	17.16	276	575699	39.332	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

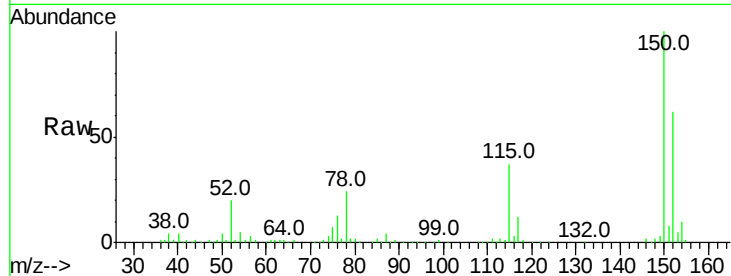


#1

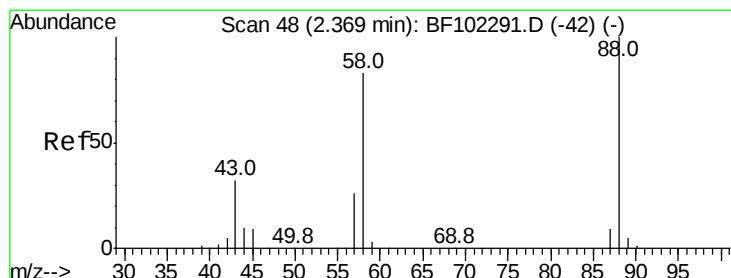
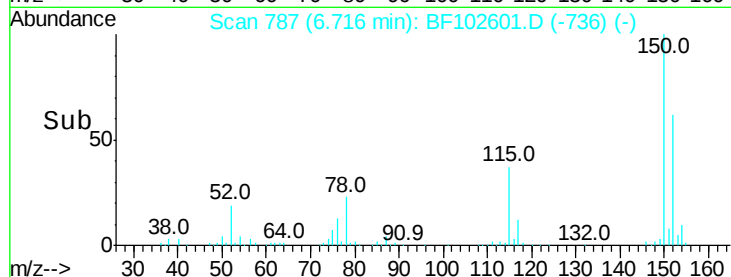
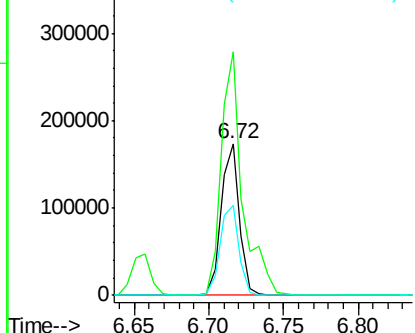
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150177
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 59.7 50.1 75.1



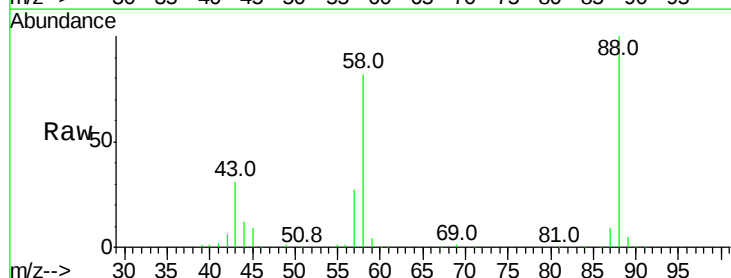
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



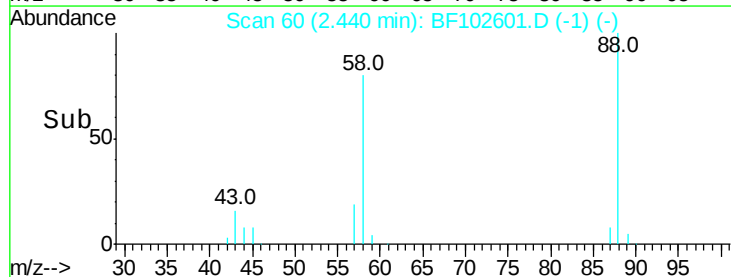
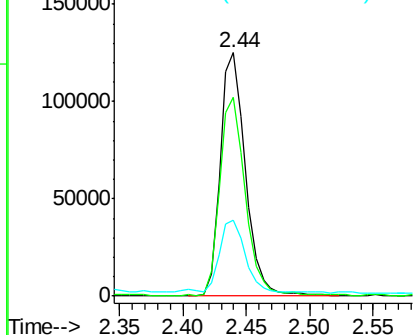
#2

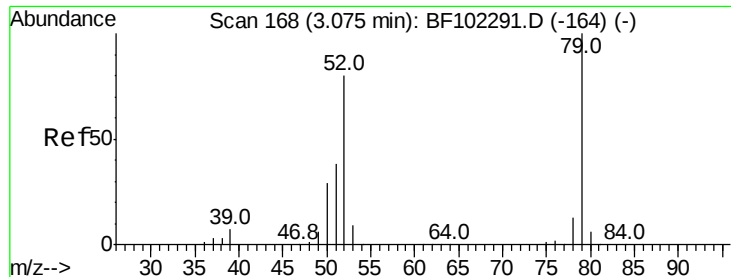
1,4-Dioxane
Concen: 36.765 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.08 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 88 Resp: 173011
Ion Ratio Lower Upper
88 100
58 82.8 62.6 93.8
43 29.9 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.323 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

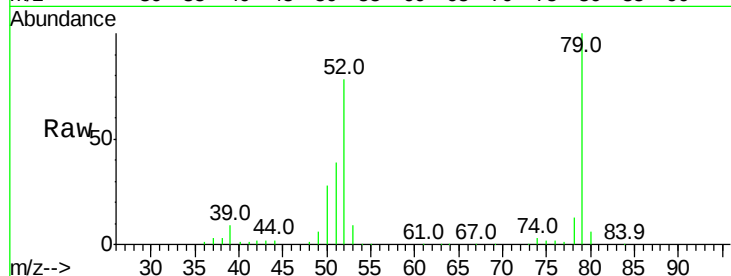
Tot Ion: 79 Resp: 458997

Ion Ratio Lower Upper

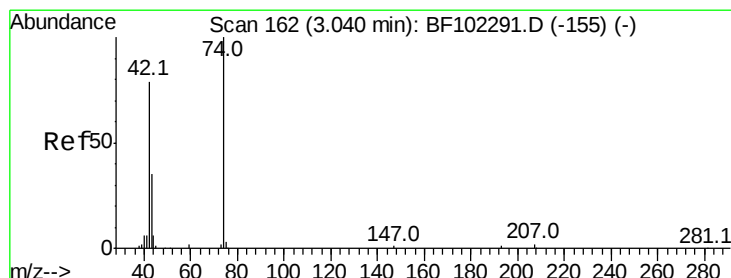
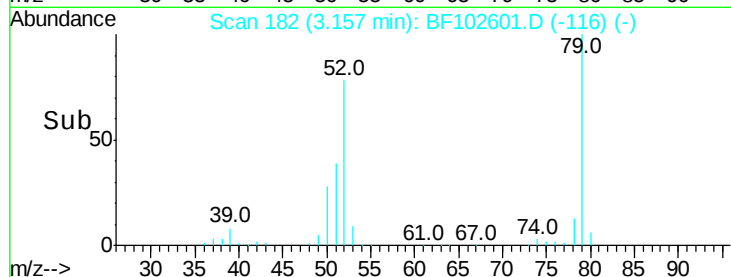
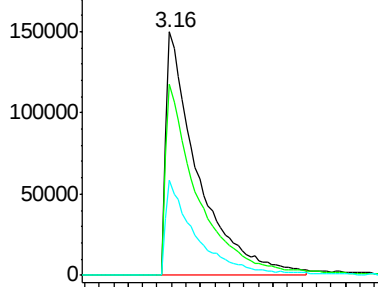
79 100

52 78.3 59.8 89.6

51 38.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.998 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.08 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

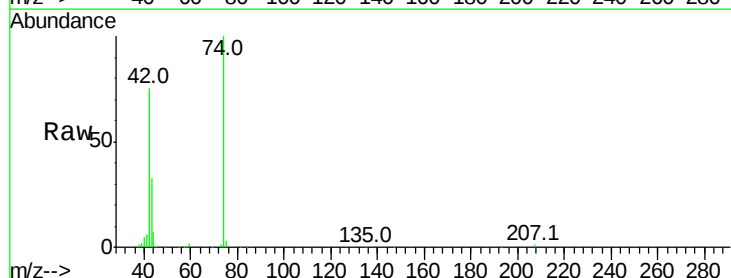
Tgt Ion: 42 Resp: 221771

Ion Ratio Lower Upper

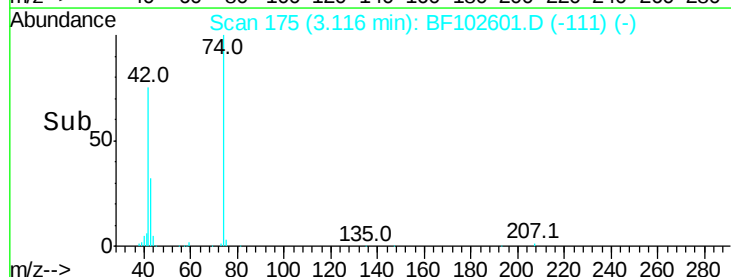
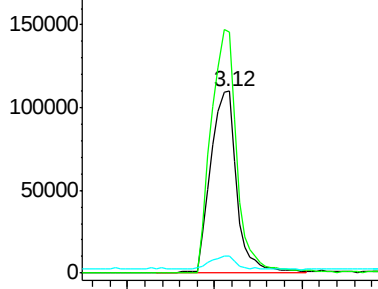
42 100

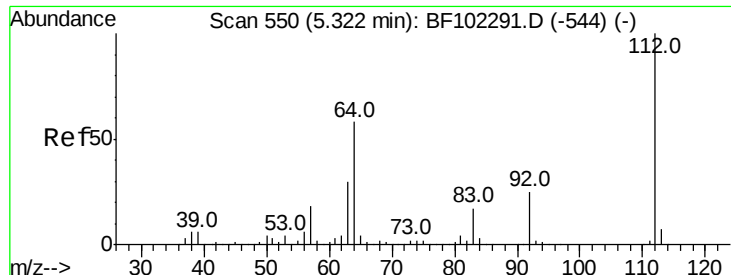
74 132.7 104.9 157.3

44 9.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.221 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :

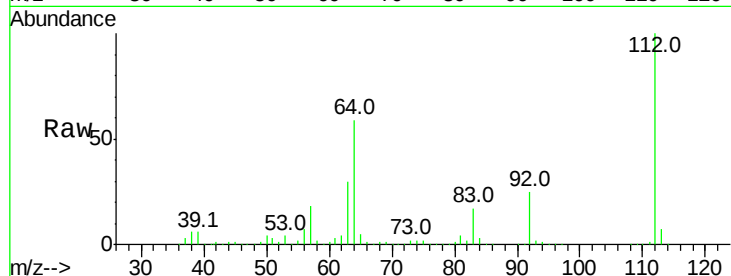
Tot Ion:112 Resp: 1101580

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

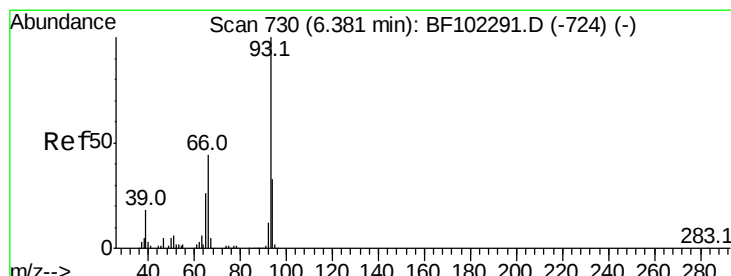
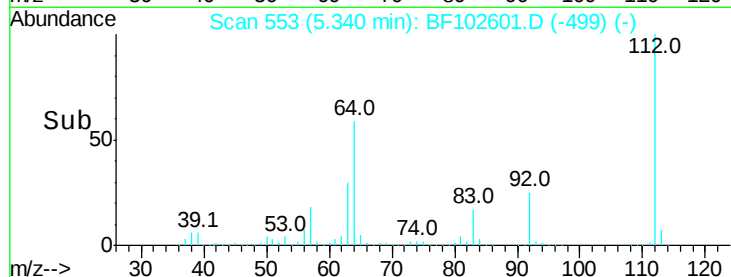
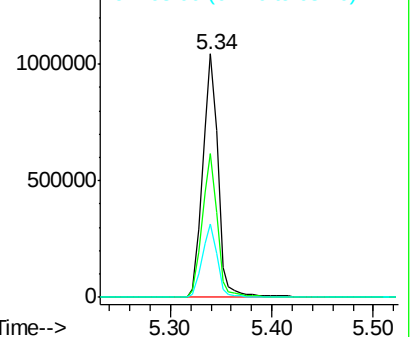
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.453 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

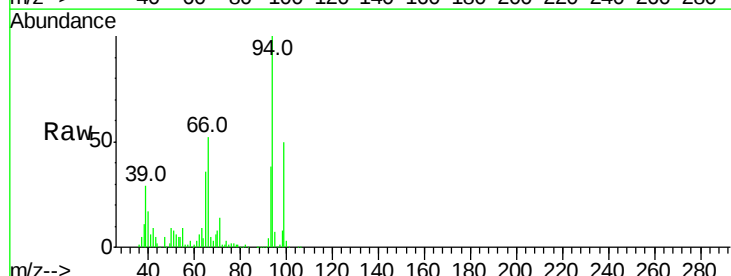
Tgt Ion: 93 Resp: 244057

Ion Ratio Lower Upper

93 100

66 136.8 32.2 48.2#

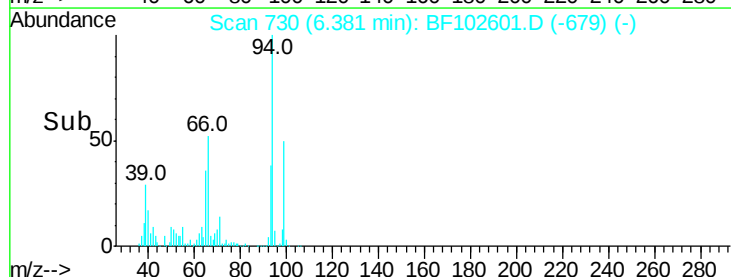
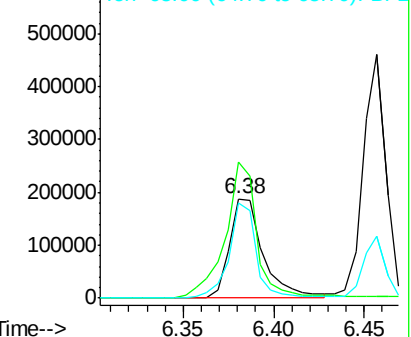
65 95.2 16.4 24.6#

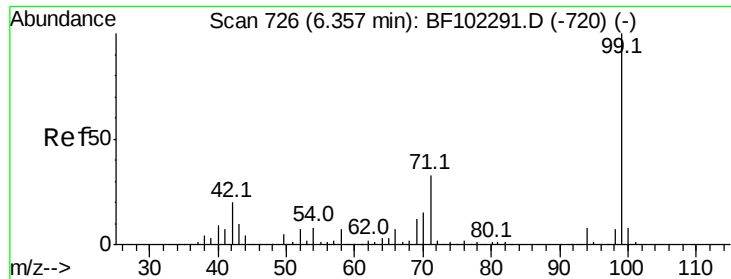


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.469 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

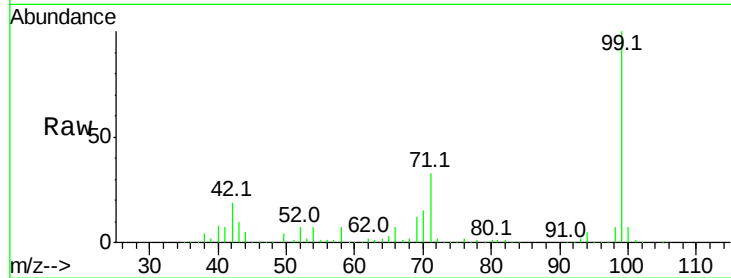
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1307137

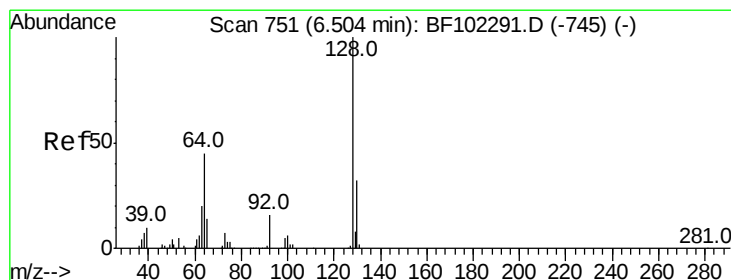
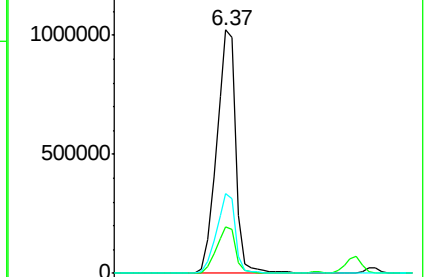
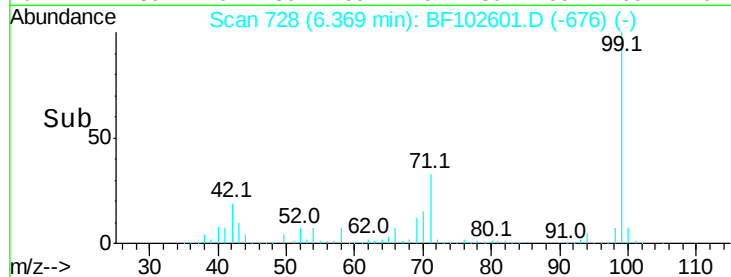
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.5	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.221 ng

RT: 6.50 min Scan# 751

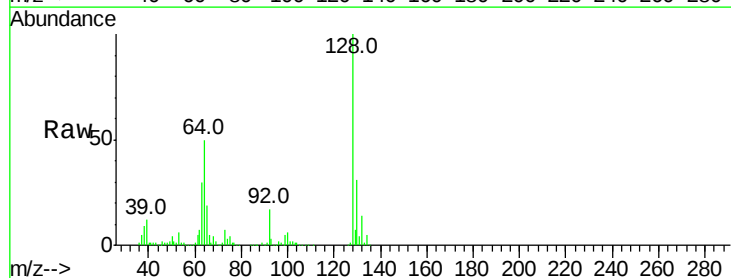
Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:128 Resp: 417595

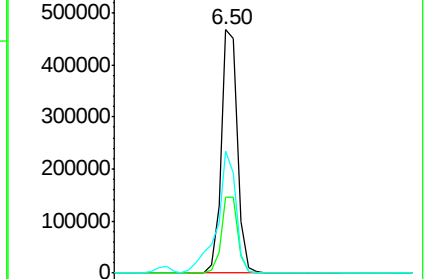
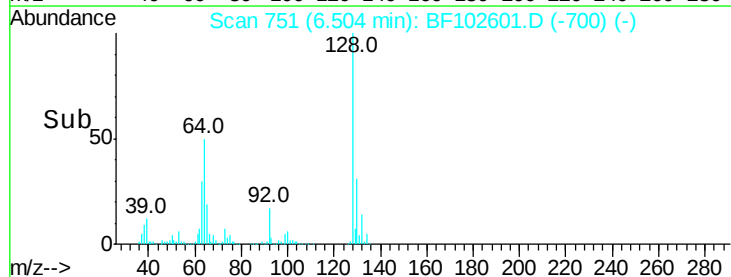
Ion	Ratio	Lower	Upper
128	100		
130	31.0	13.0	53.0
64	50.1	29.4	69.4

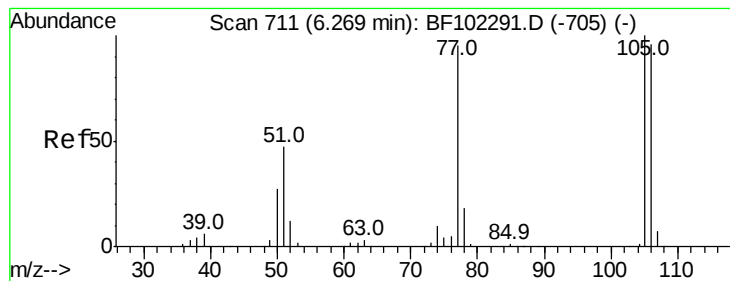


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.751 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampled :

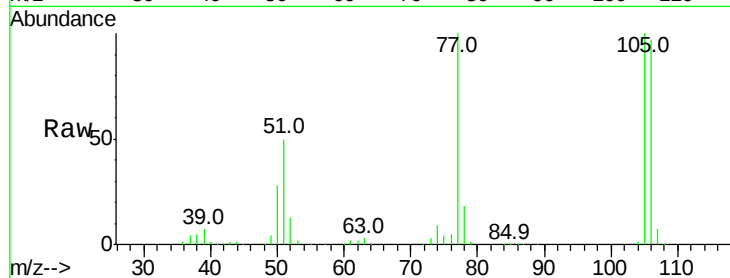
Tot Ion: 77 Resp: 179243

Ion Ratio Lower Upper

77 100

105 99.8 81.1 121.1

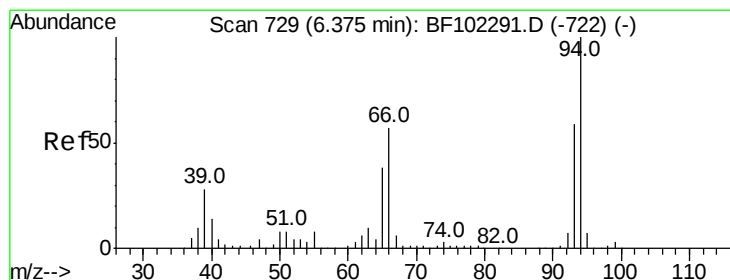
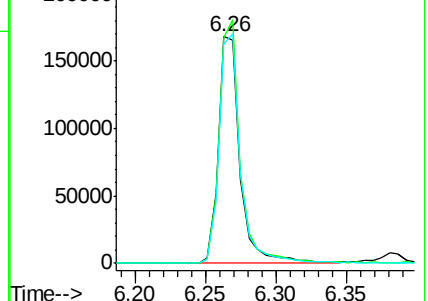
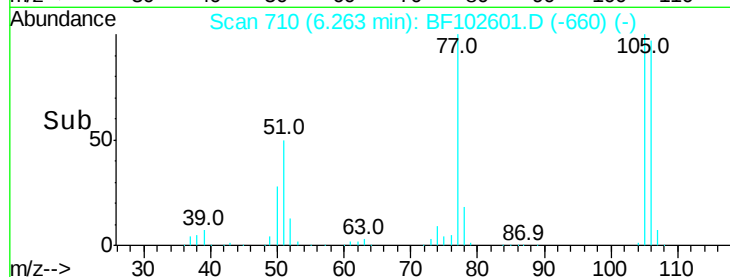
106 97.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.289 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

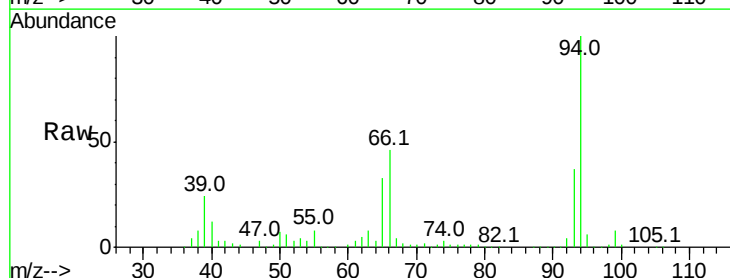
Tgt Ion: 94 Resp: 486099

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

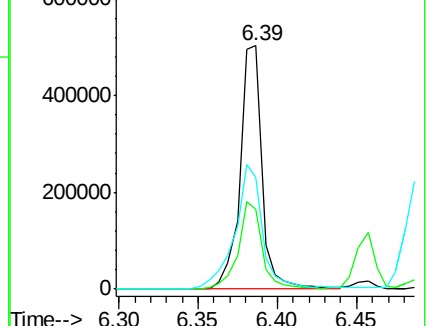
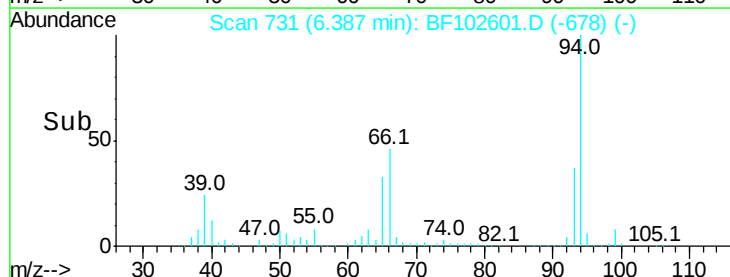
66 46.0 16.2 56.2

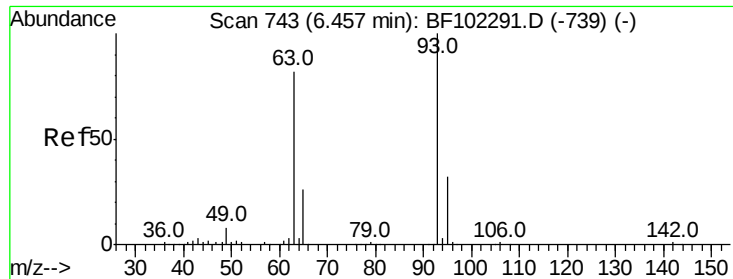


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

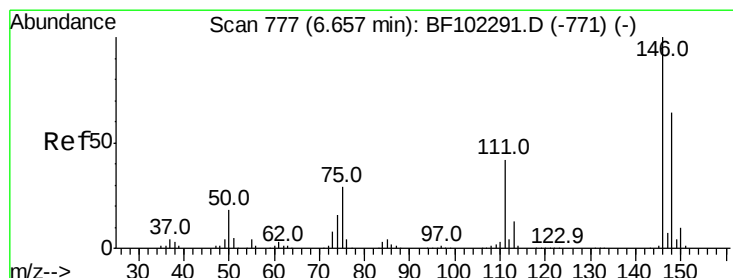
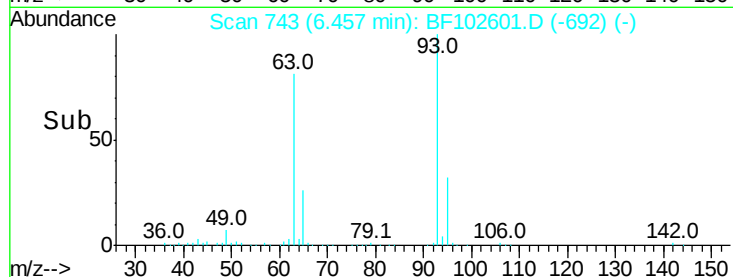
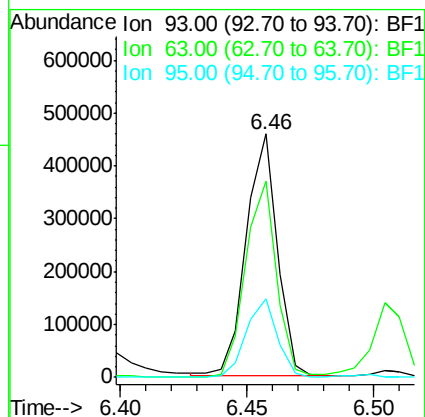
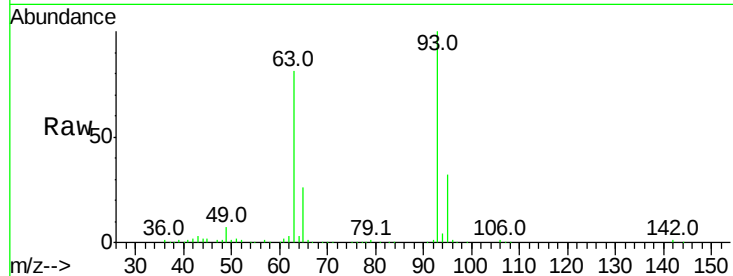




#11
bis(2-Chloroethyl)ether
Concen: 39.622 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

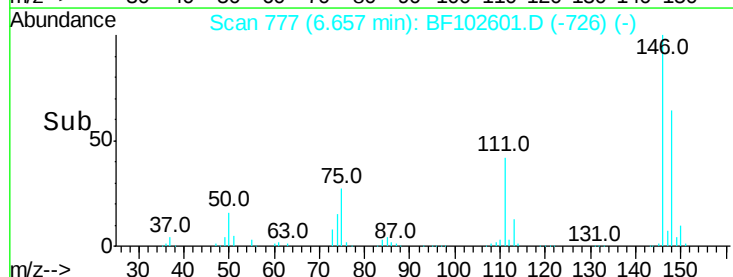
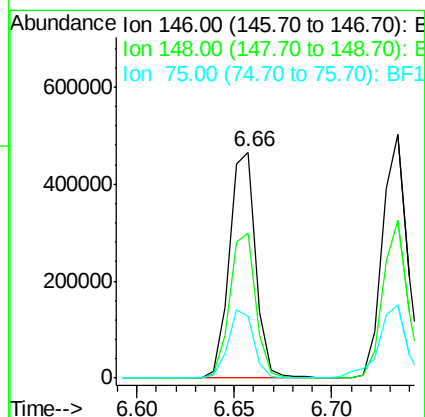
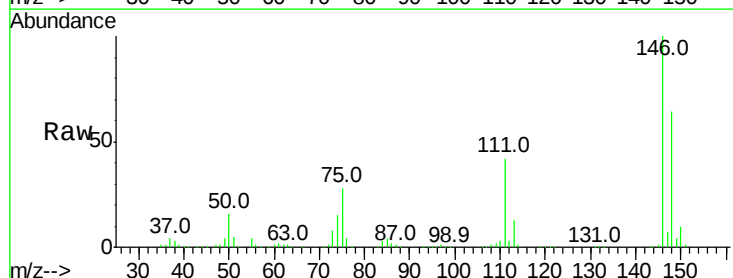
Instrument :
BNA_F
ClientSampleId :

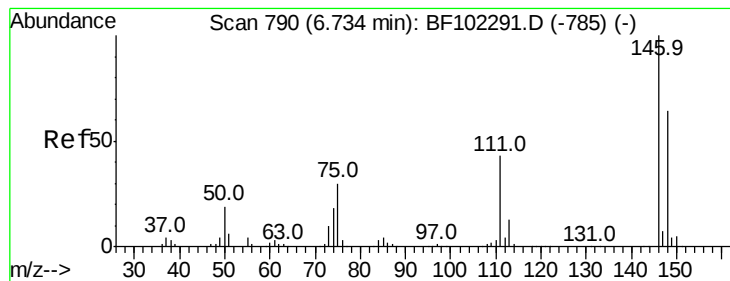
Tot Ion: 93 Resp: 392838
Ion Ratio Lower Upper
93 100
63 80.5 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.328 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 146 Resp: 436224
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 27.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.830 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

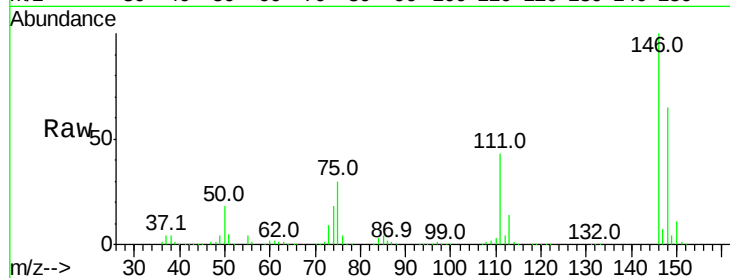
Instrument :

BNA_F

ClientSampleId :

Tot Ion:146 Resp: 443187

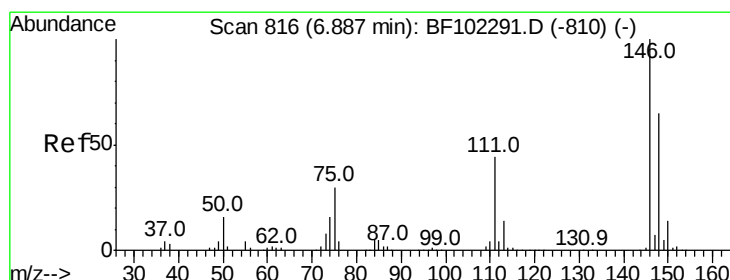
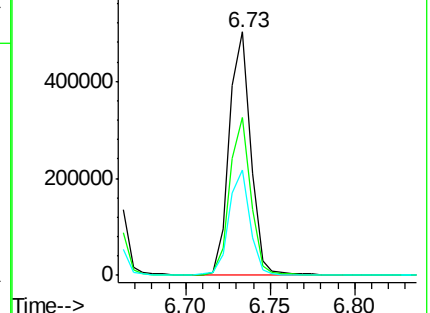
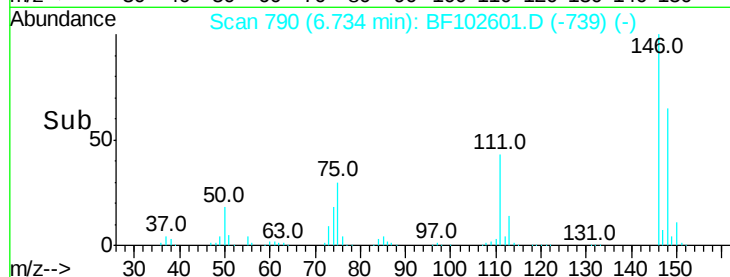
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	43.2	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.829 ng

RT: 6.89 min Scan# 816

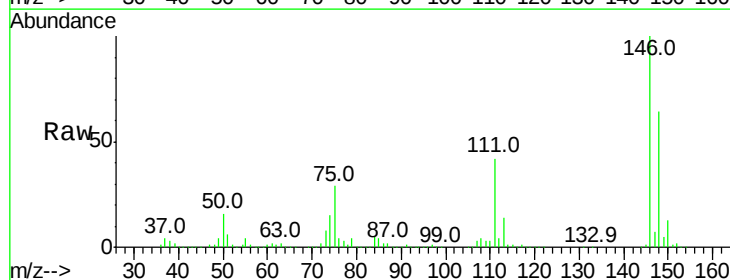
Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:146 Resp: 405370

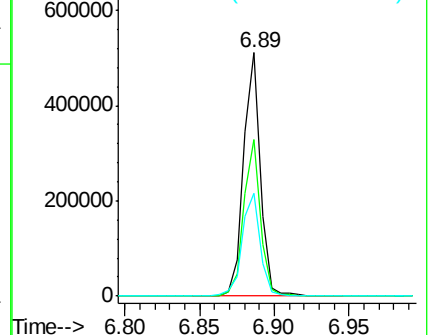
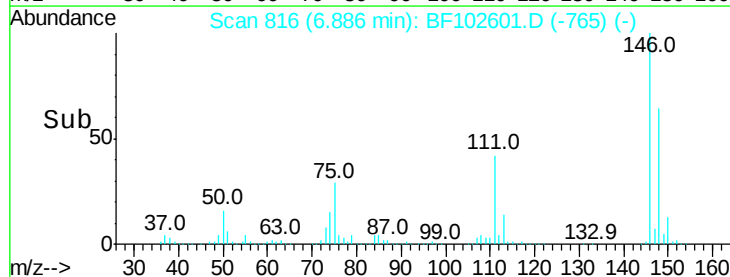
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.5	36.0	54.0

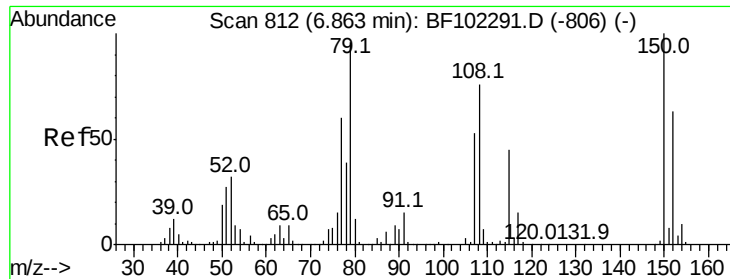


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

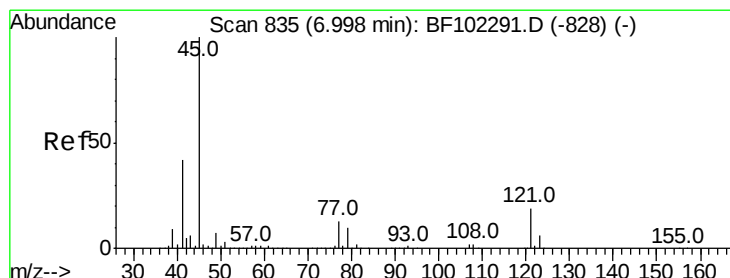
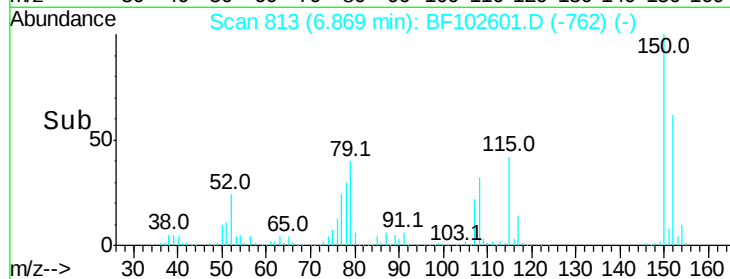
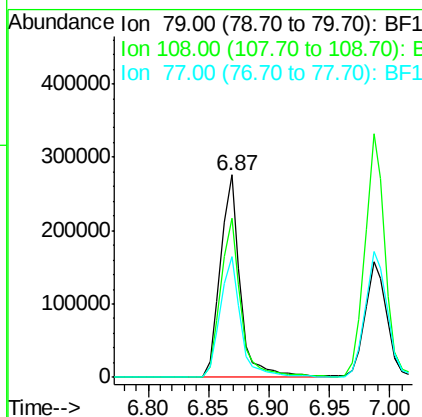
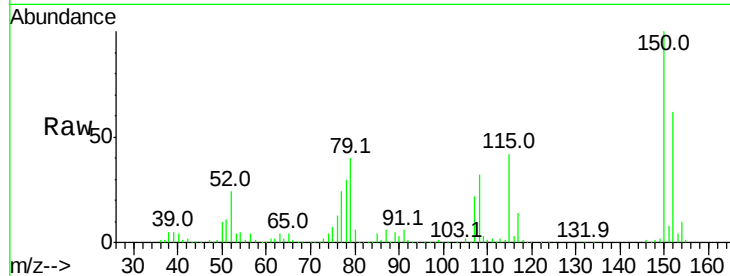




#15
Benzyl Alcohol
Concen: 37.278 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

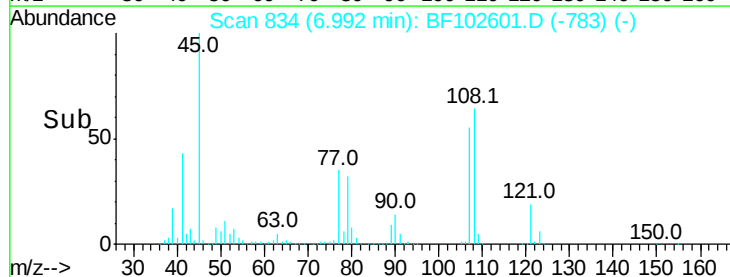
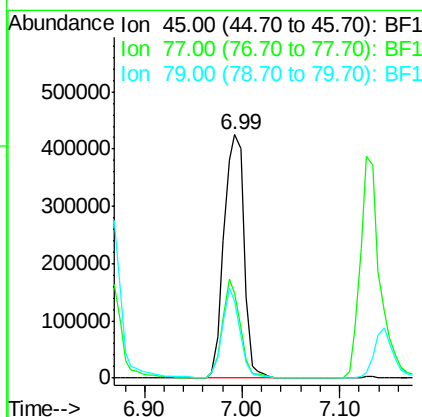
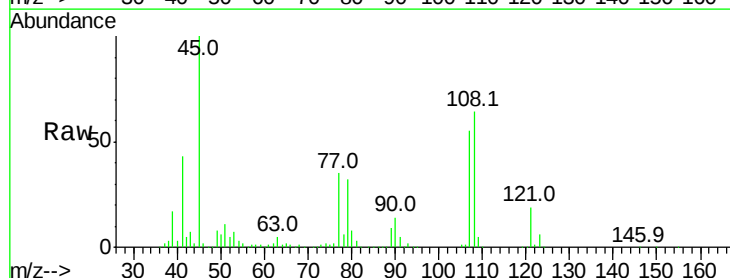
Instrument :
BNA_F
ClientSampleId :

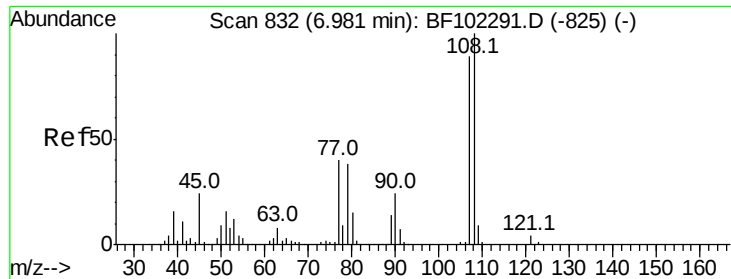
Tot Ion: 79 Resp: 314065
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 59.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.414 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 45 Resp: 605528
Ion Ratio Lower Upper
45 100
77 34.8 0.0 32.9#
79 31.6 0.0 29.6#

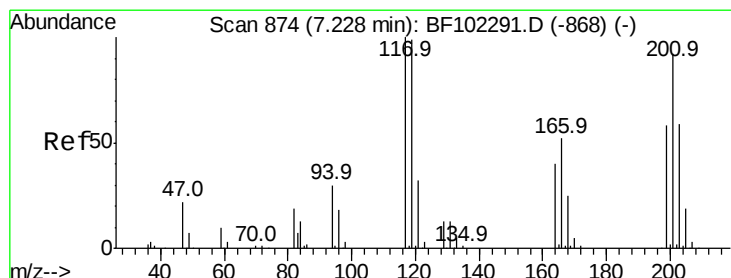
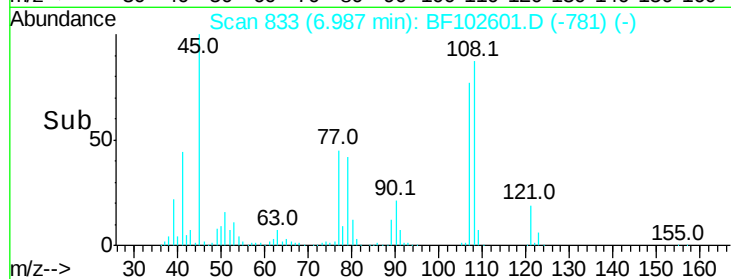
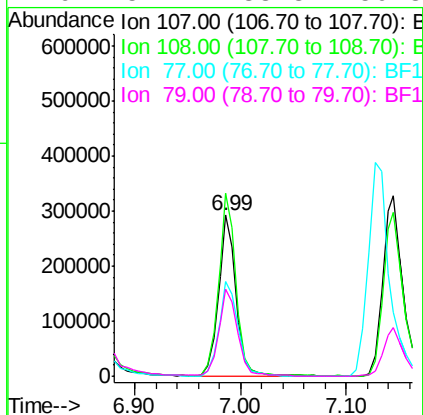
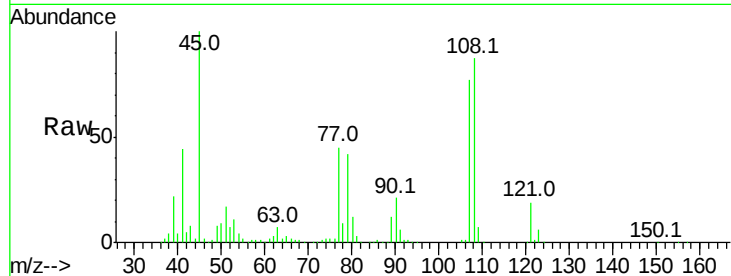




#17
2-Methylphenol
Concen: 37.211 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

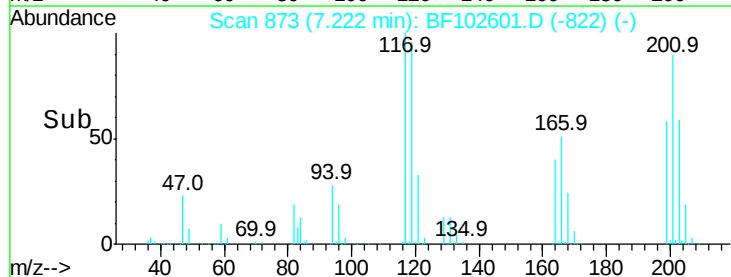
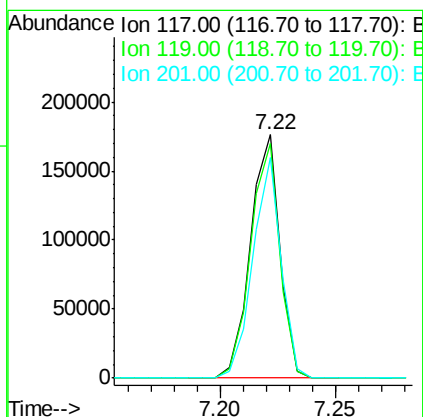
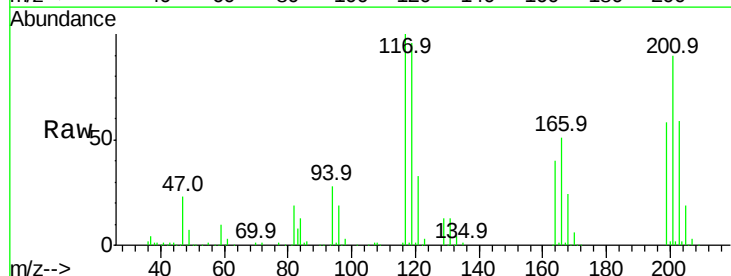
Instrument :
BNA_F
ClientSampled :

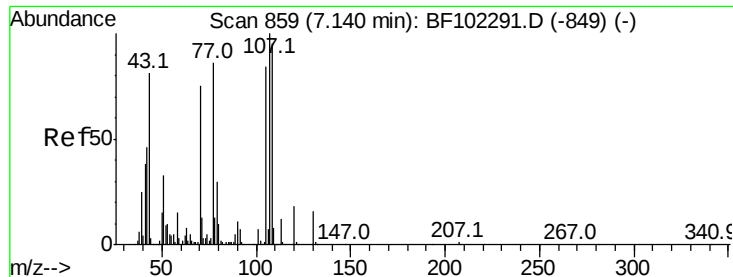
Tot Ion:107 Resp: 335533
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 58.9 33.8 50.8#
79 54.1 33.8 50.8#



#18
Hexachloroethane
Concen: 36.452 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:117 Resp: 157116
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 90.5 75.7 113.5

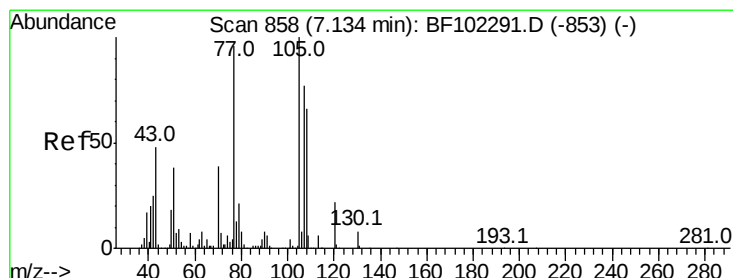
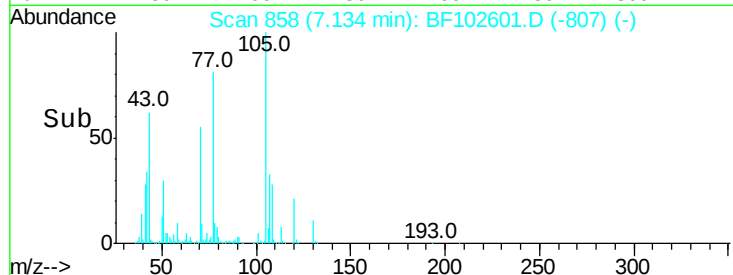
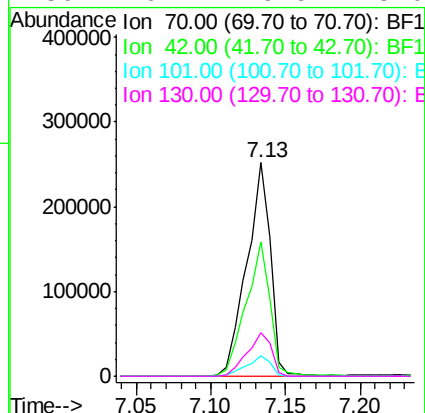
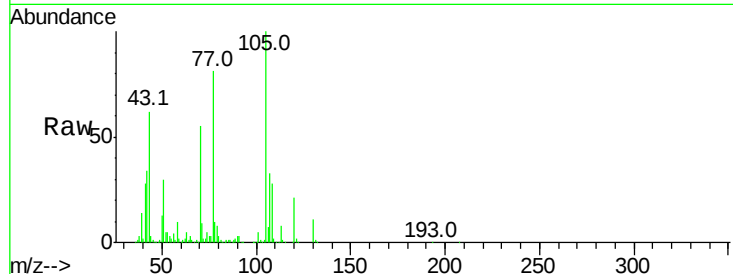




#19
n-Nitroso-di-n-propylamine
Concen: 37.997 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

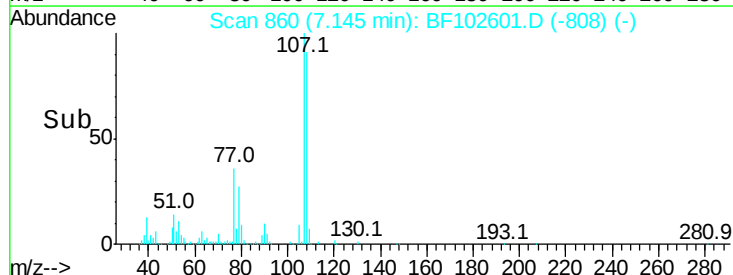
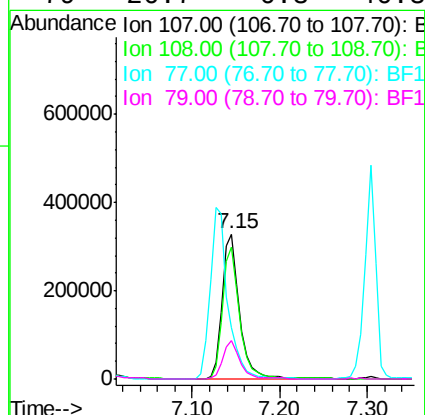
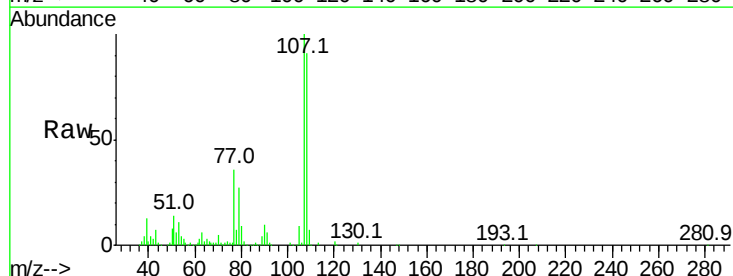
Instrument :
BNA_F
ClientSampleId :

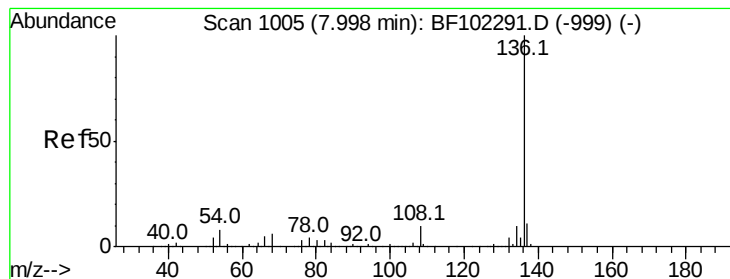
Tot Ion: 70 Resp: 277658
Ion Ratio Lower Upper
70 100
42 62.8 47.5 71.3
101 9.4 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:107 Resp: 448496
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 35.7 26.7 66.7
79 26.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 628198

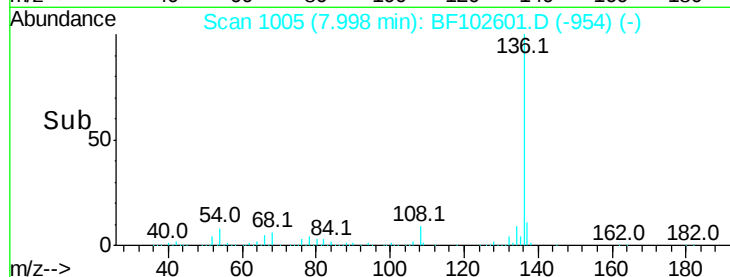
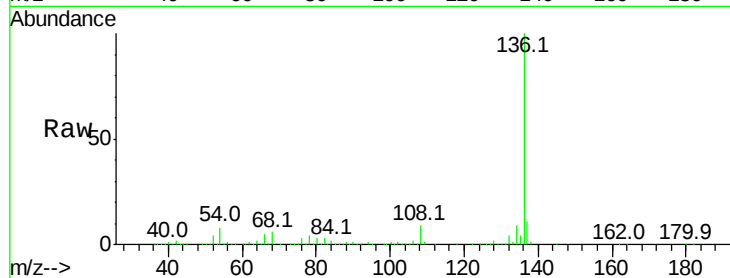
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 6.0 5.0 7.4

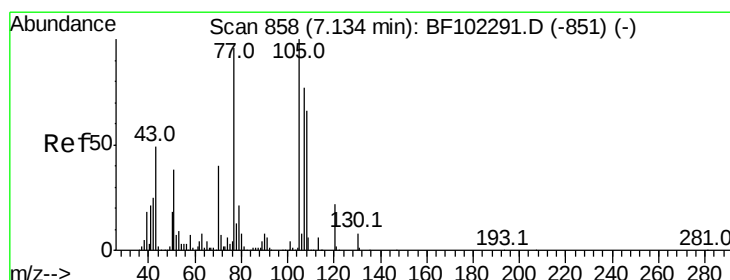
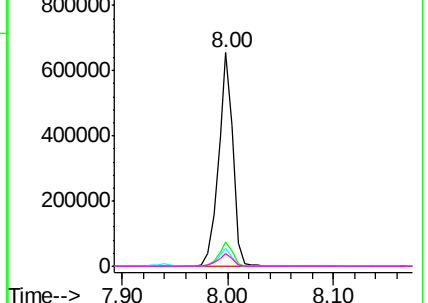


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.368 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:105 Resp: 574567

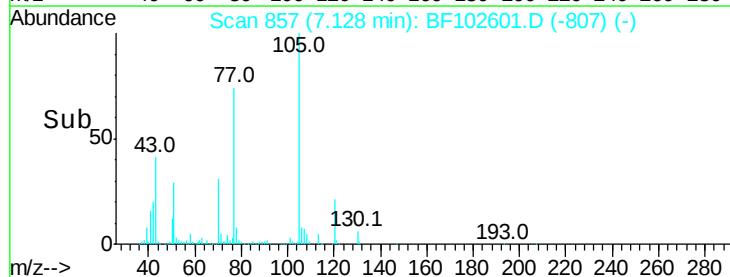
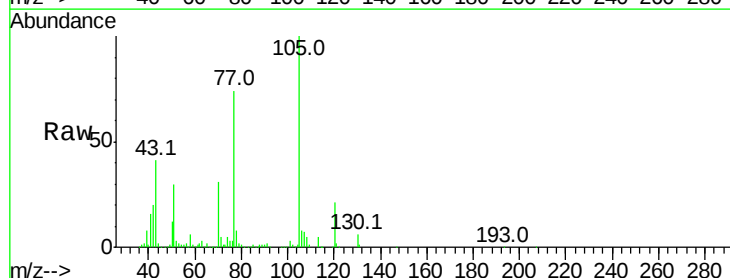
Ion Ratio Lower Upper

105 100

71 5.1 4.4 6.6

51 29.5 22.3 33.5

120 21.1 16.9 25.3

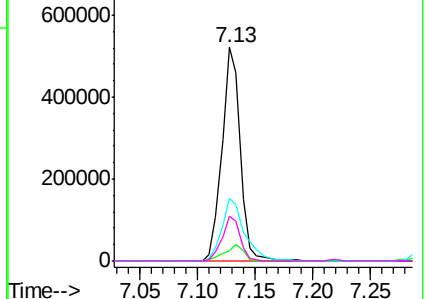


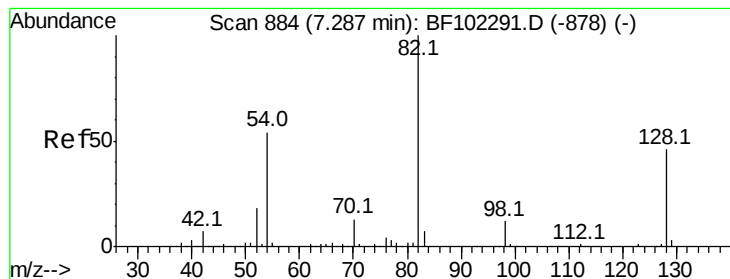
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.499 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

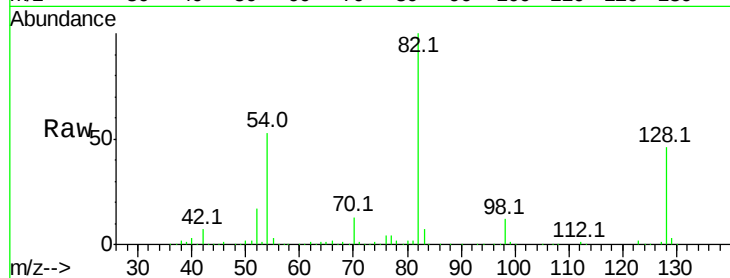
Tot Ion: 82 Resp: 825314

Ion Ratio Lower Upper

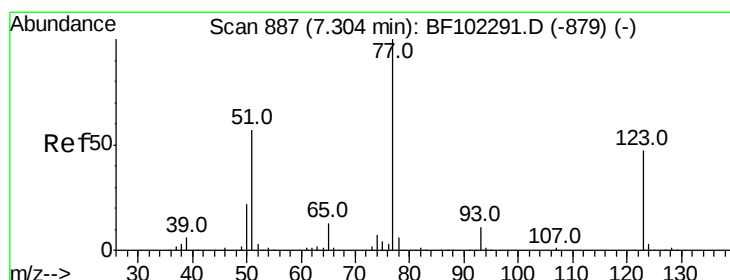
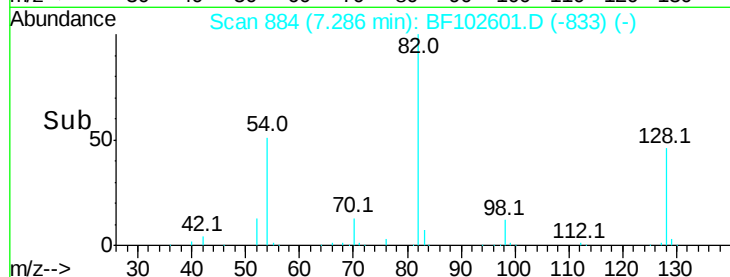
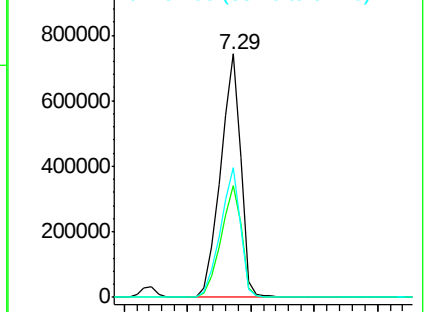
82 100

128 46.0 36.1 54.1

54 53.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.215 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

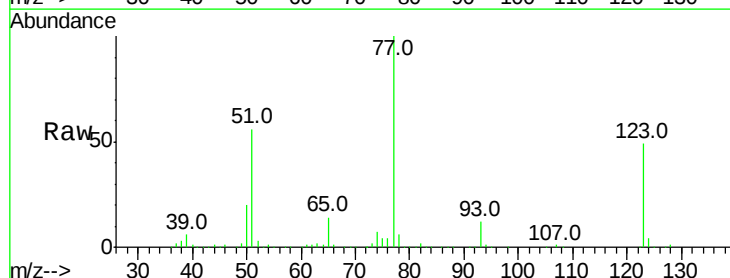
Tgt Ion: 77 Resp: 427505

Ion Ratio Lower Upper

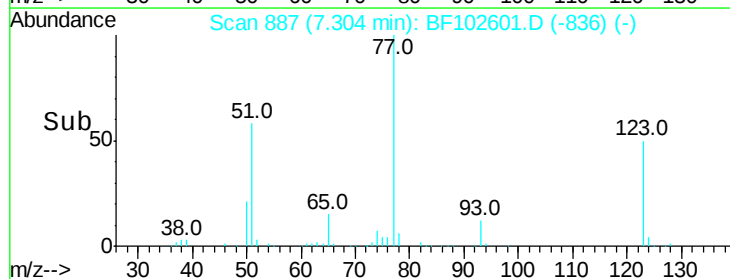
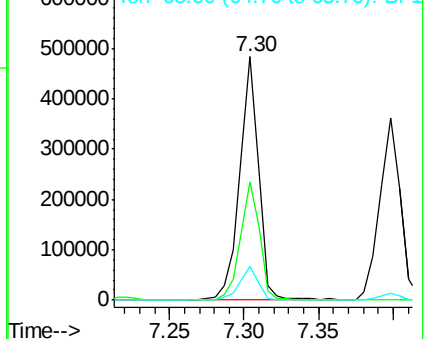
77 100

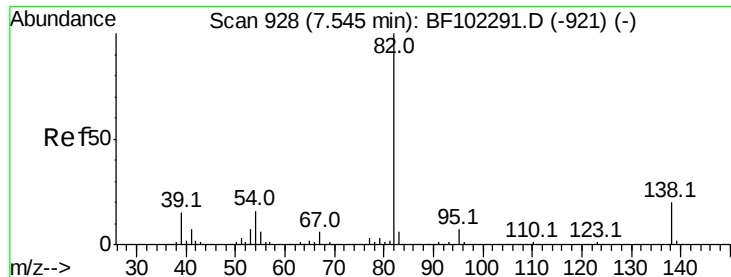
123 48.8 37.9 56.9

65 14.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.452 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

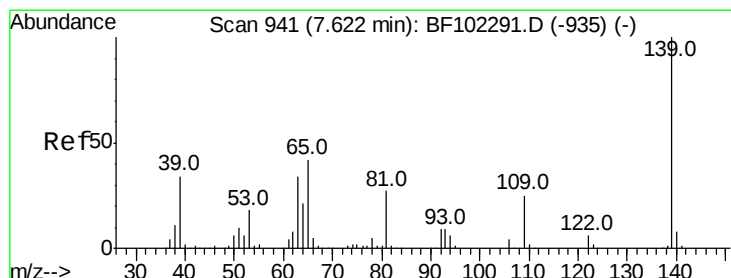
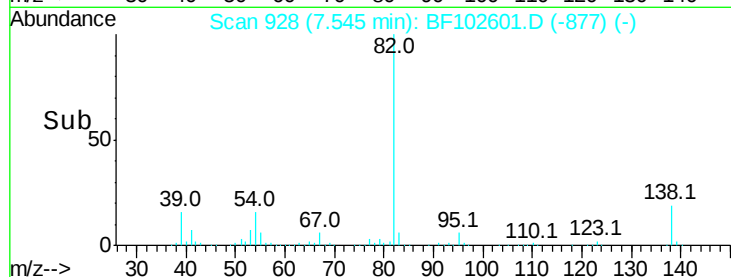
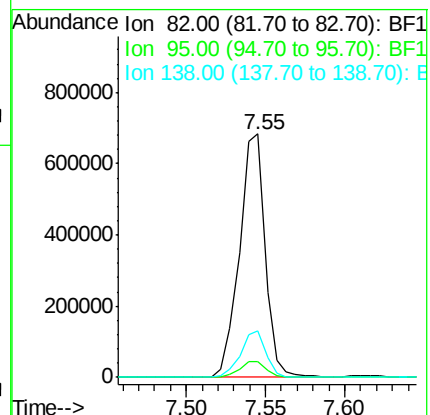
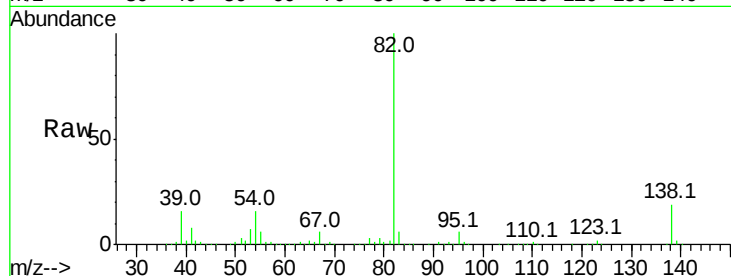
Tot Ion: 82 Resp: 768839

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.267 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

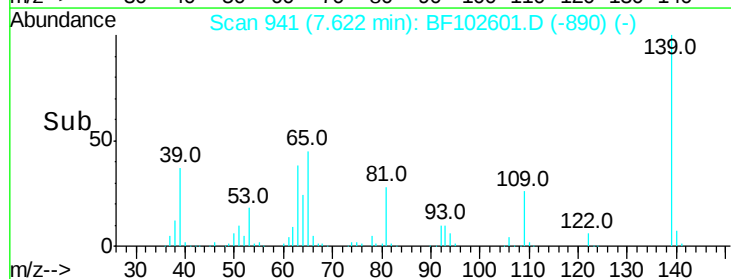
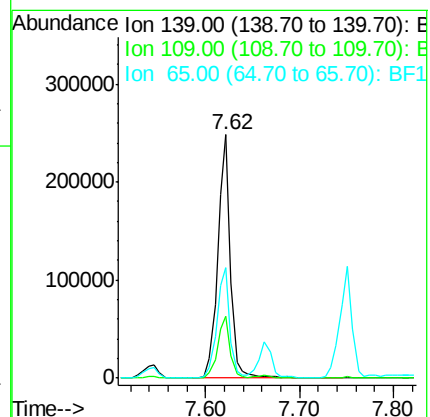
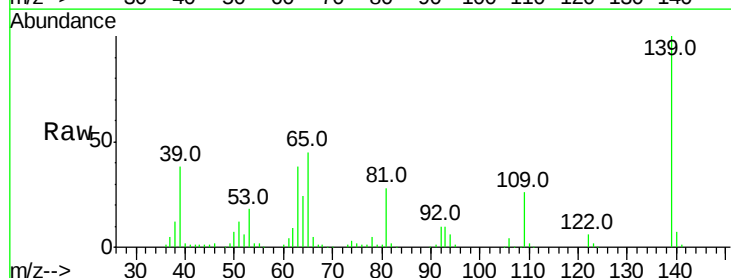
Tgt Ion: 139 Resp: 237086

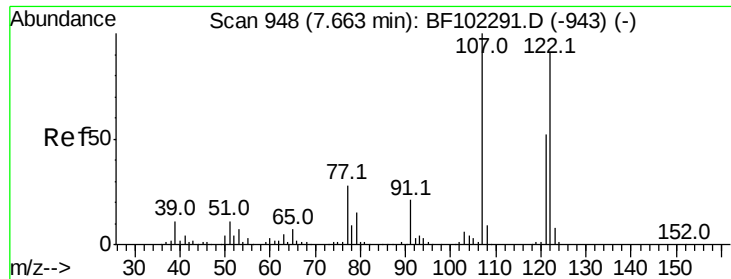
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 45.5 40.5 60.7

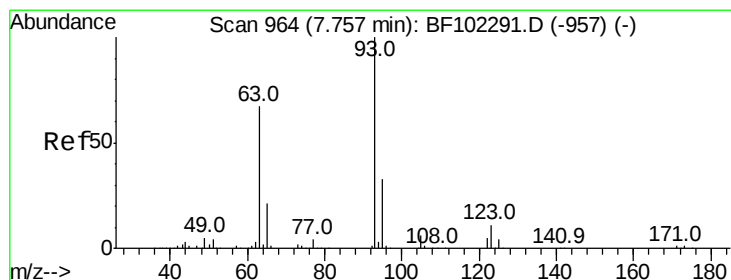
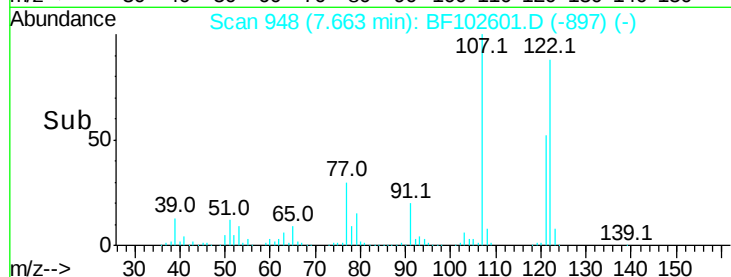
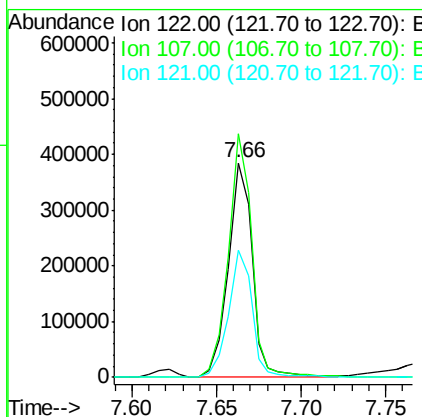
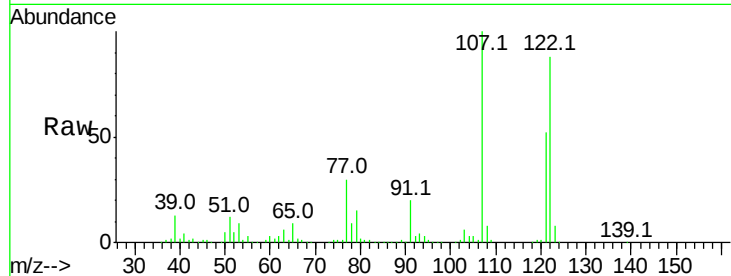




#27
2,4-Dimethylphenol
Concen: 44.203 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

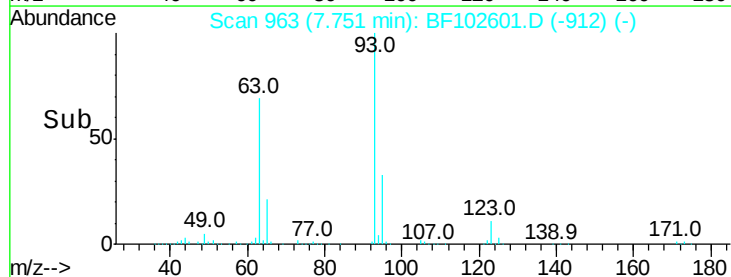
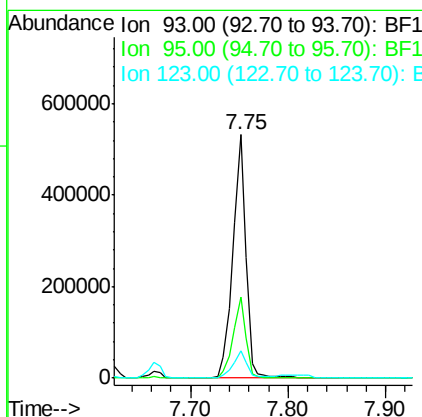
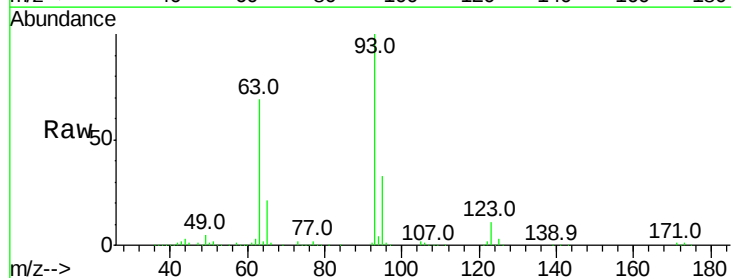
Instrument :
BNA_F
ClientSampleID :

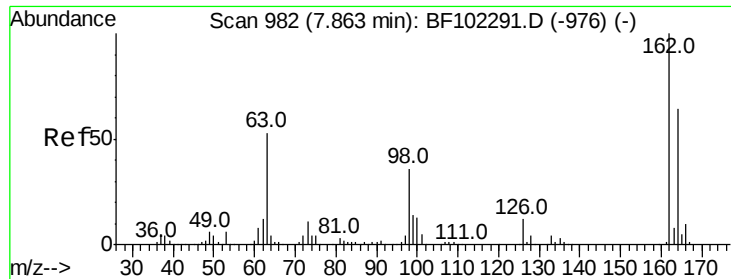
Tot Ion:122 Resp: 377909
Ion Ratio Lower Upper
122 100
107 113.5 91.2 136.8
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.452 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 93 Resp: 499023
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 11.3 9.8 14.6

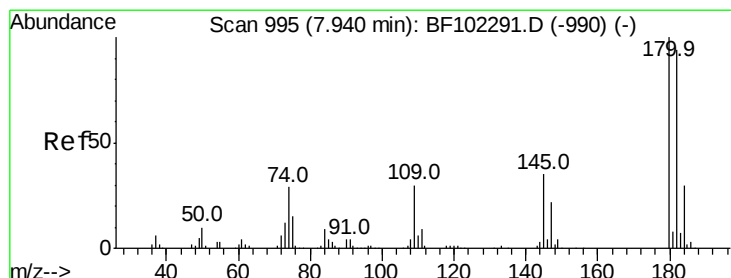
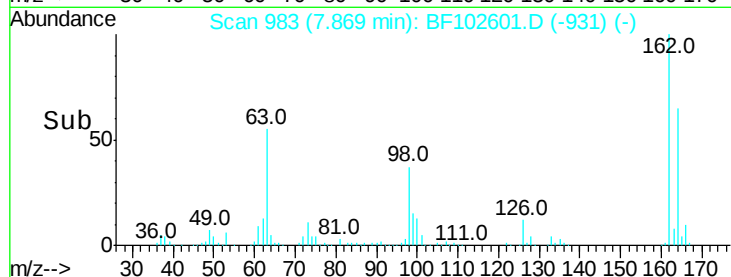
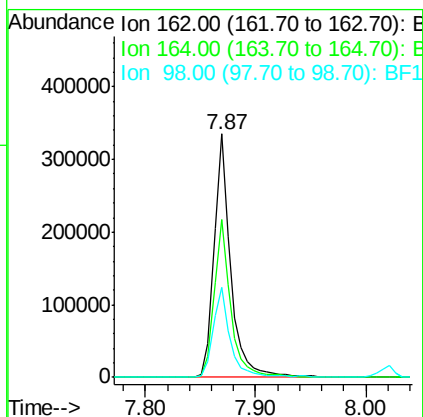
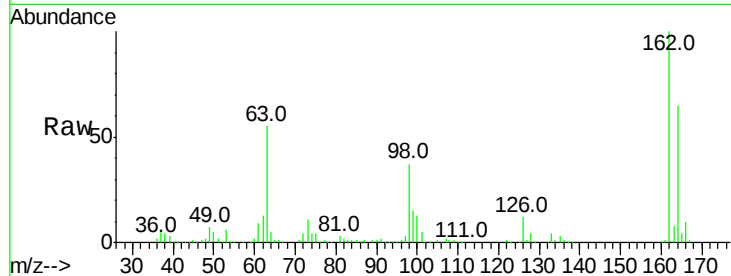




#29
2,4-Dichlorophenol
Concen: 39.958 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

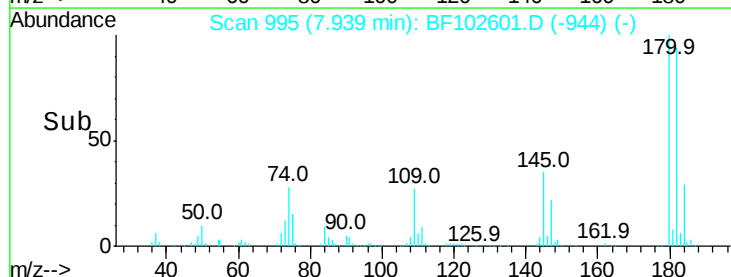
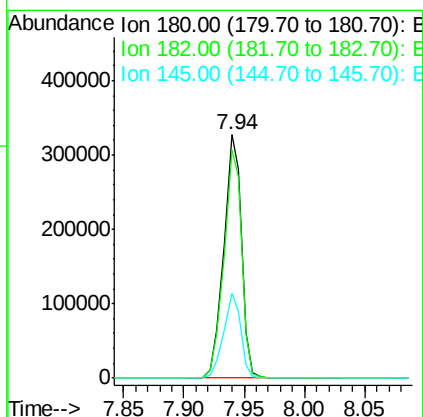
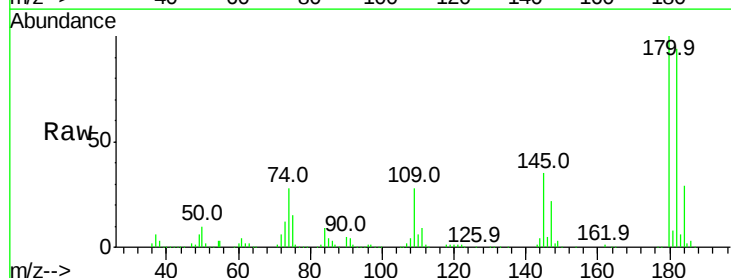
Instrument :
BNA_F
ClientSampled :

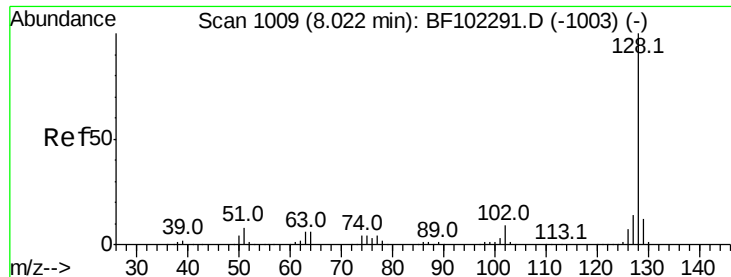
Tot Ion:162 Resp: 347982
Ion Ratio Lower Upper
162 100
164 65.0 42.7 82.7
98 36.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 35.516 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:180 Resp: 331550
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 34.8 26.5 39.7

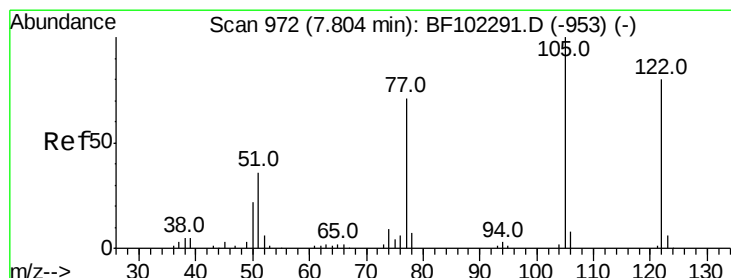
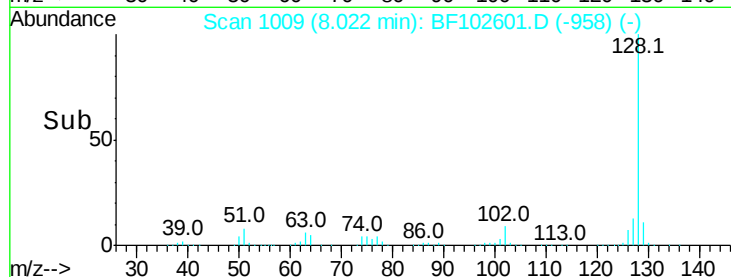
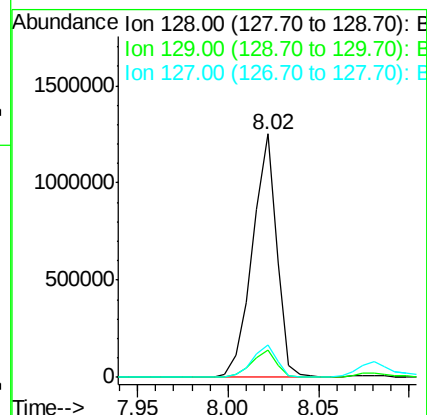
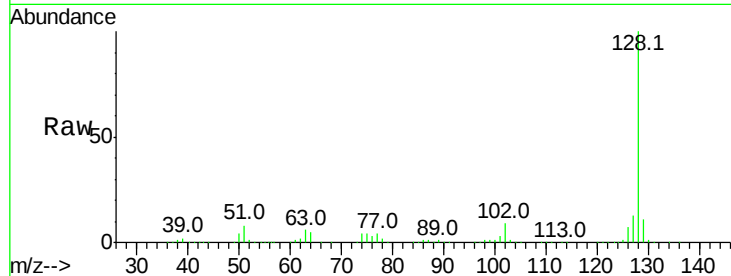




#31
Naphthalene
Concen: 37.244 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

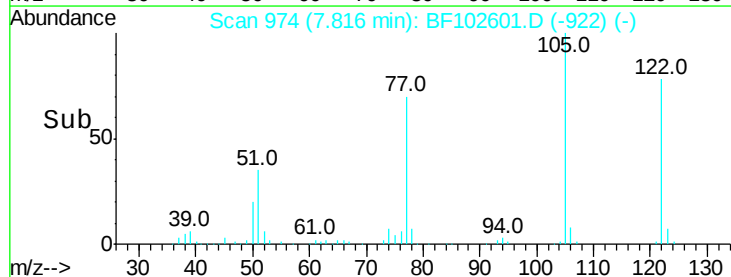
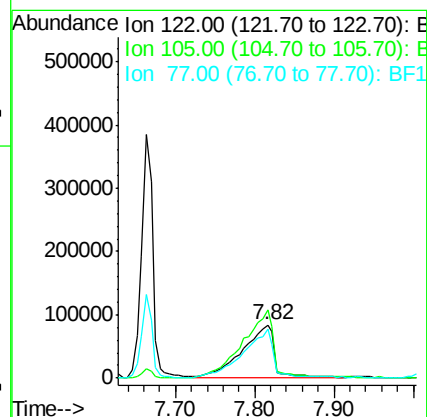
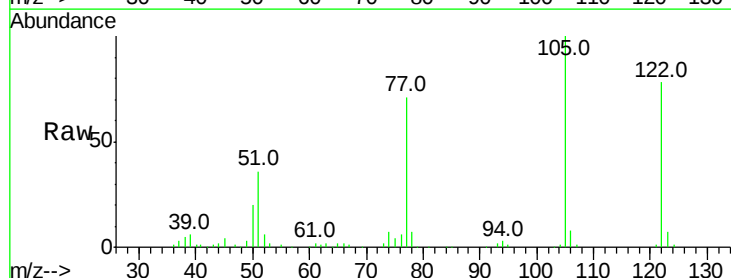
Instrument :
BNA_F
ClientSampleId :

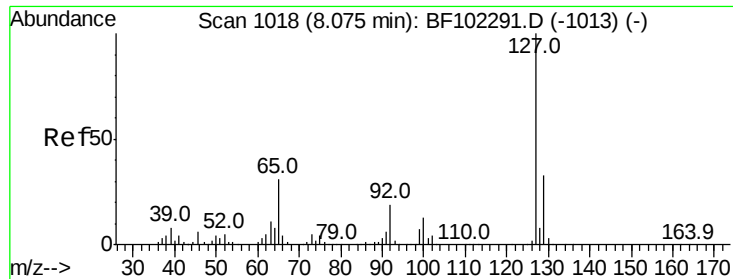
Tot Ion:128 Resp: 1168146
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 32.678 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:122 Resp: 234072
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 91.1 70.7 110.7

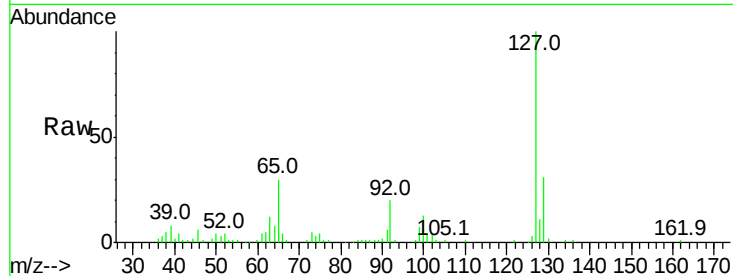




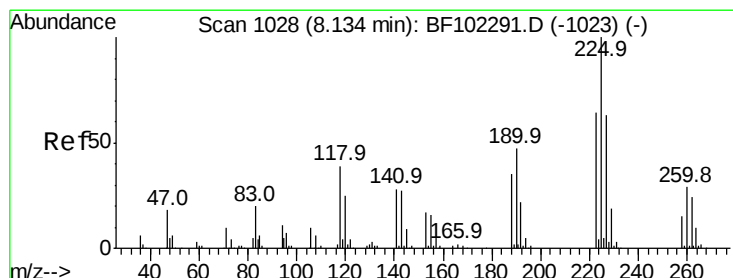
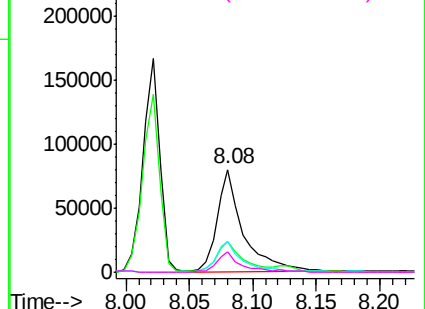
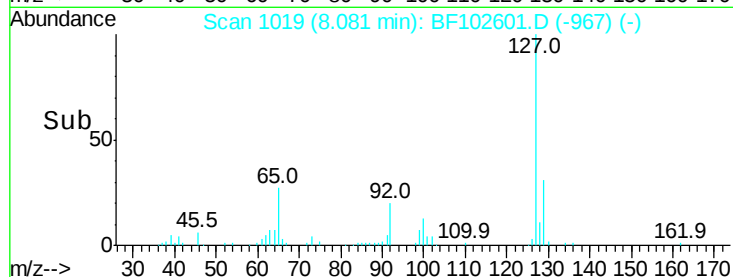
#33
4-Chloroaniline
Concen: 8.641 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	113963
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	30.4	25.0	37.4
92	20.0	15.2	22.8

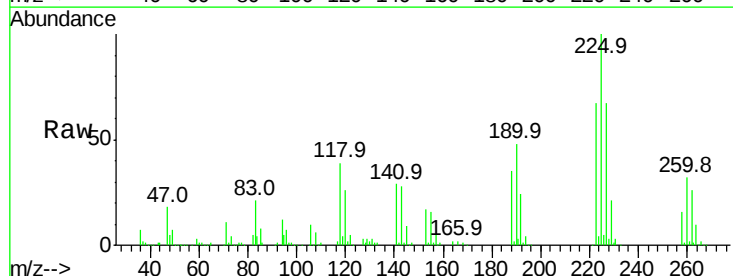


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

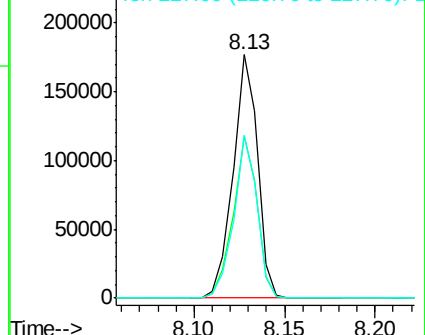
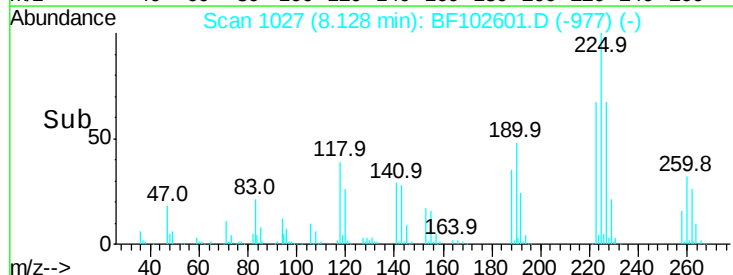


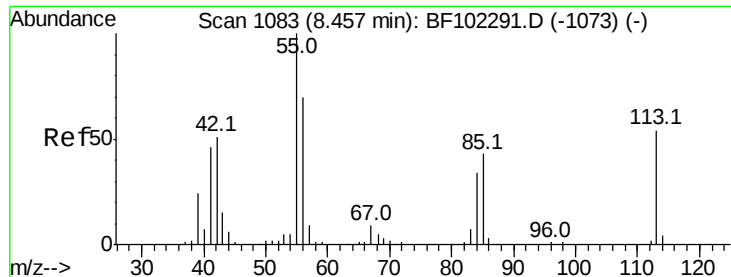
#34
Hexachlorobutadiene
Concen: 33.411 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:	225	Resp:	166583
Ion	Ratio	Lower	Upper
225	100		
223	66.6	50.6	76.0
227	67.1	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.362 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

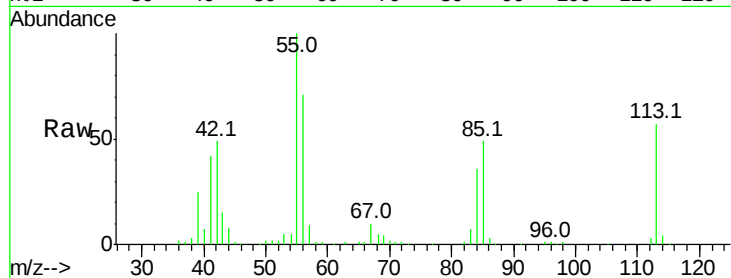
Tot Ion:113 Resp: 78697

Ion Ratio Lower Upper

113 100

55 176.0 163.3 203.3

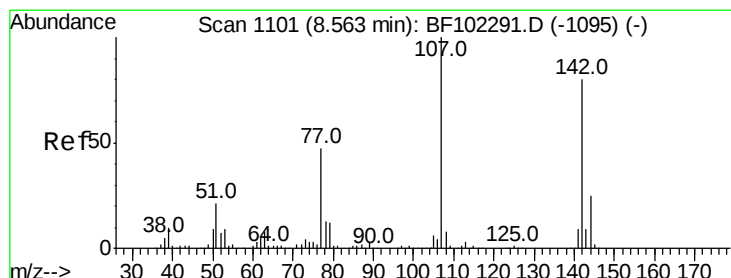
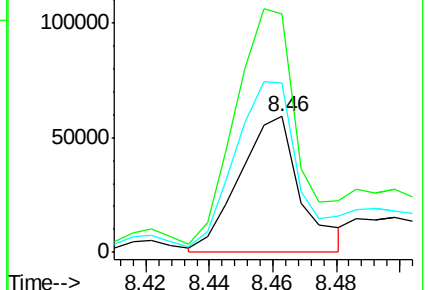
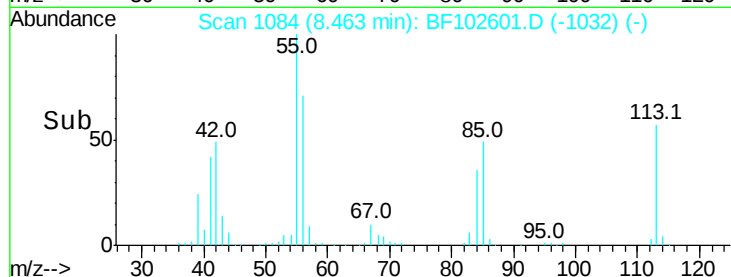
56 125.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.349 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

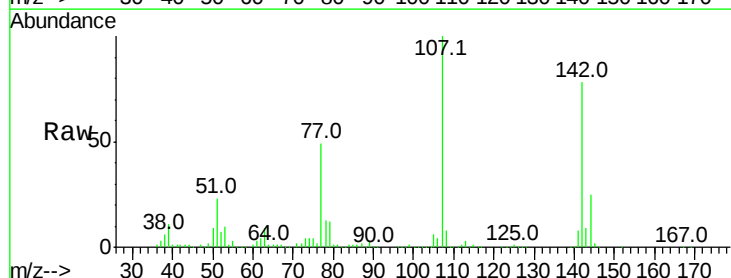
Tgt Ion:107 Resp: 370386

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

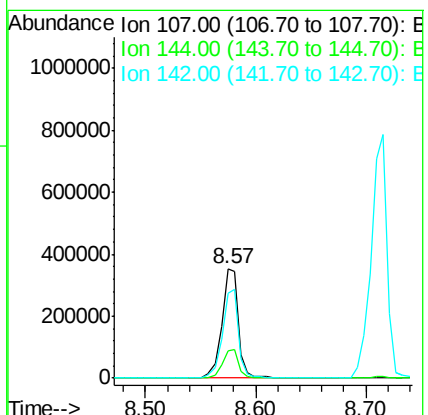
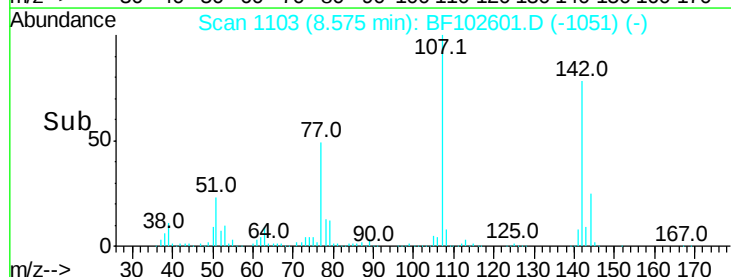
142 77.9 62.0 93.0

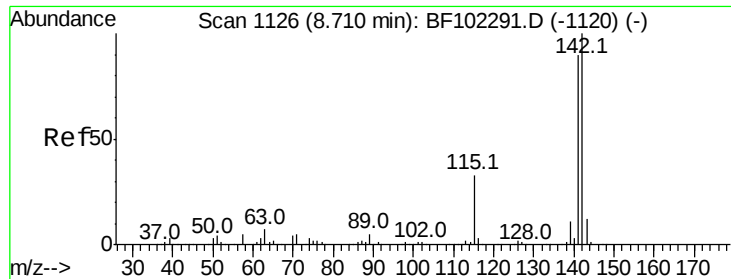


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

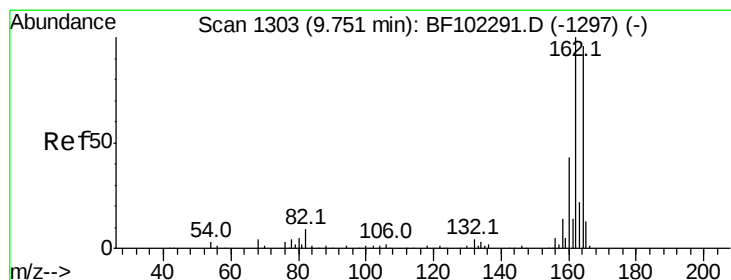
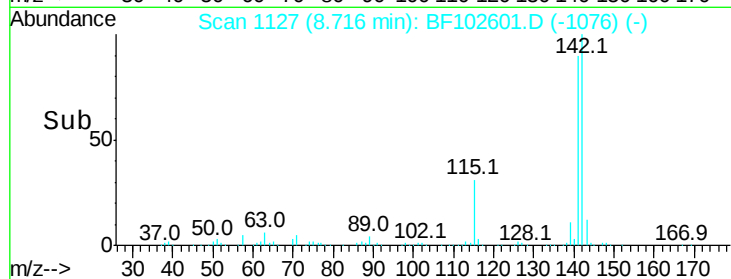
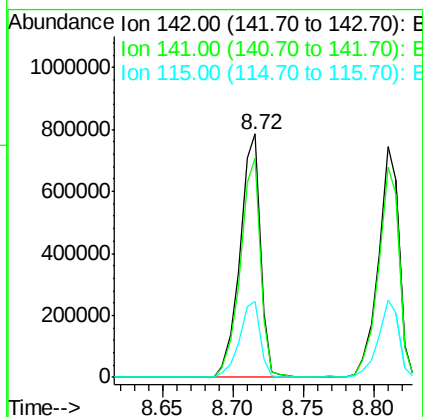
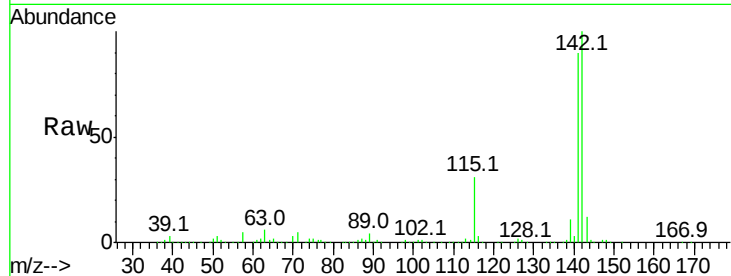




#37
 2-Methylnaphthalene
 Concen: 38.063 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

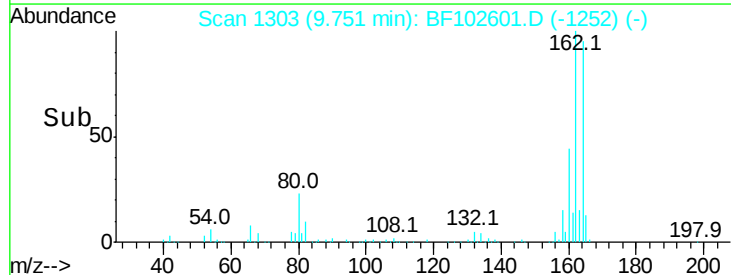
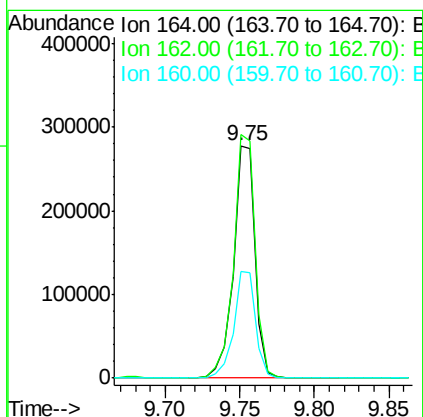
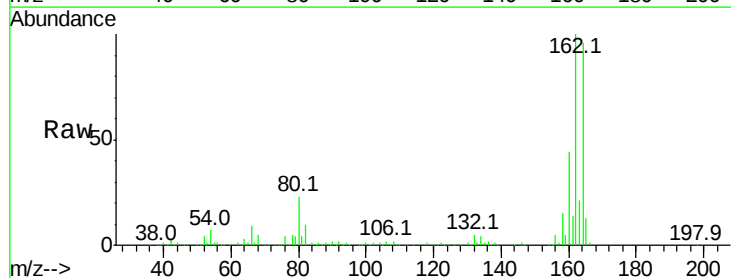
Instrument :
 BNA_F
 ClientSampleId :

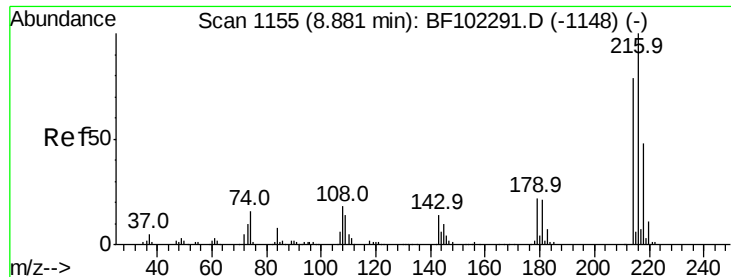
Tot Ion:142 Resp: 795070
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.8 106.2
 115 31.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:164 Resp: 281828
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.9 38.3 57.5

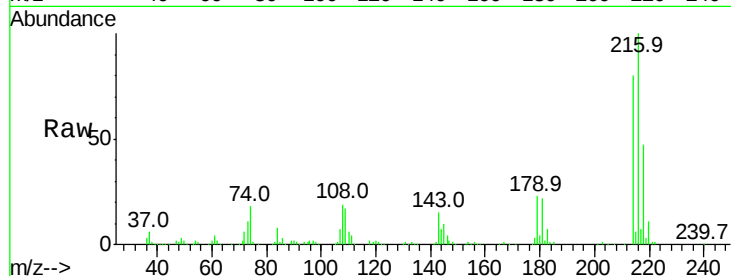




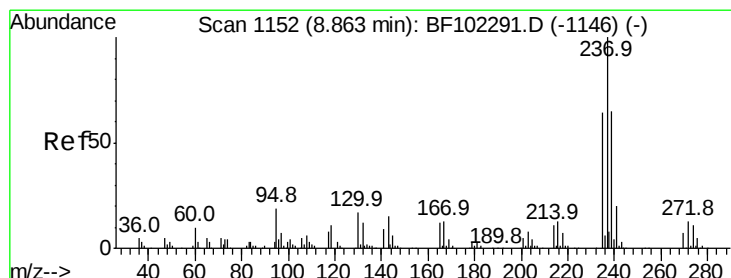
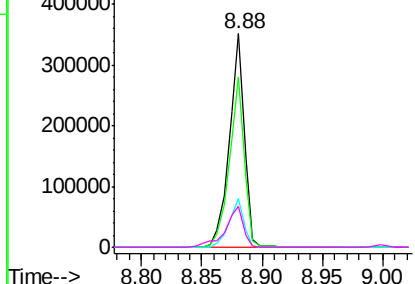
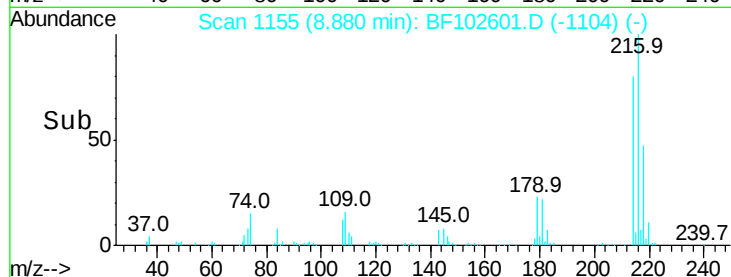
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.791 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	303472
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	22.6	18.1	27.1
108	23.0	17.2	25.8

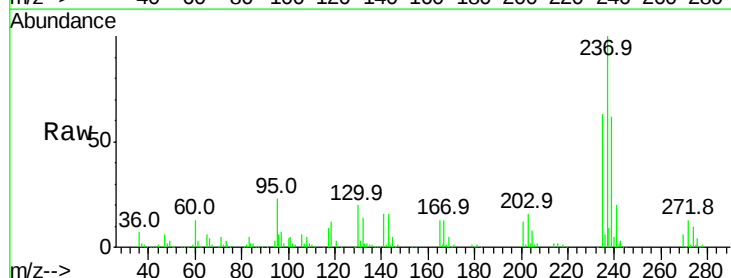


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

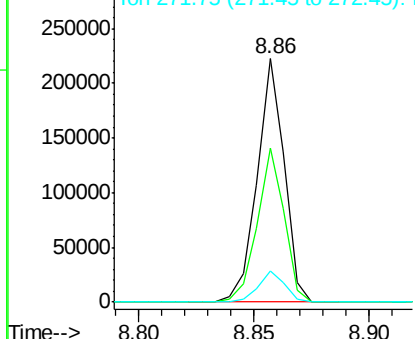
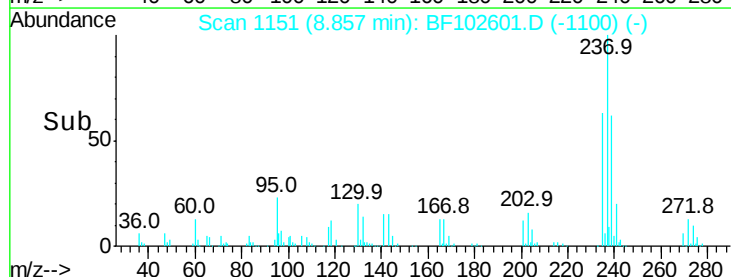


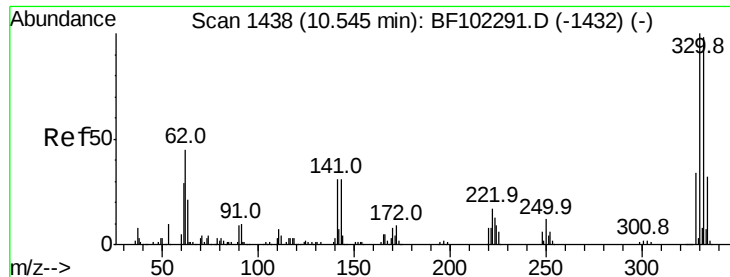
#40
 Hexachlorocyclopentadiene
 Concen: 48.106 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:	237	Resp:	182544
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	12.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 94.696 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampled :

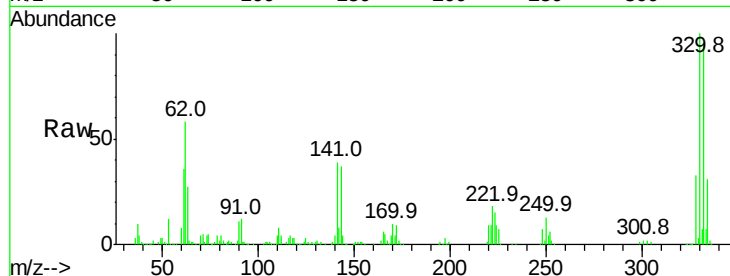
Tot Ion:330 Resp: 264440

Ion Ratio Lower Upper

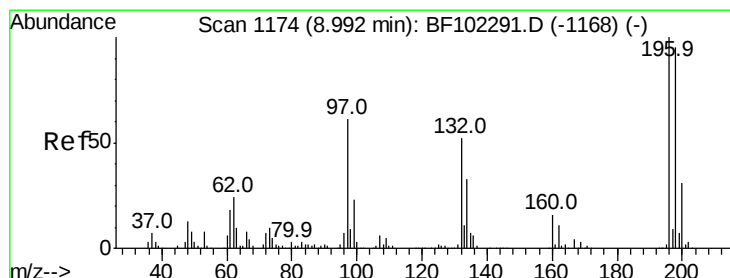
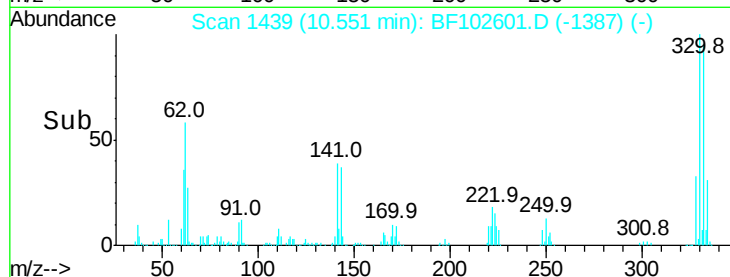
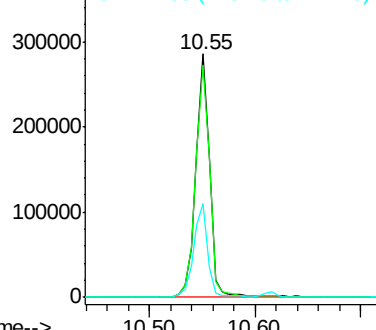
330 100

332 96.8 77.0 115.6

141 39.2 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.087 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

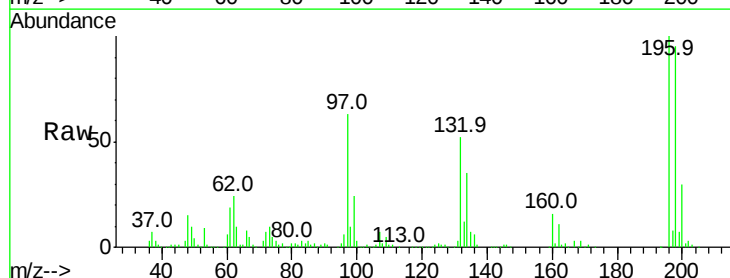
Tgt Ion:196 Resp: 216188

Ion Ratio Lower Upper

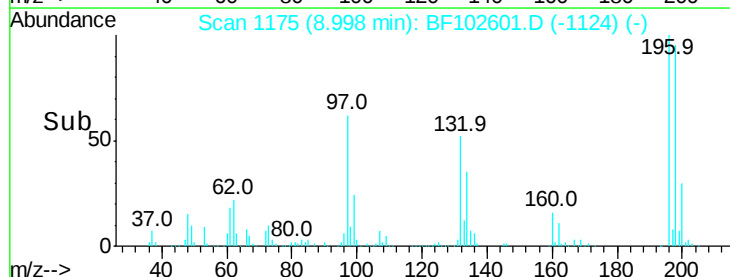
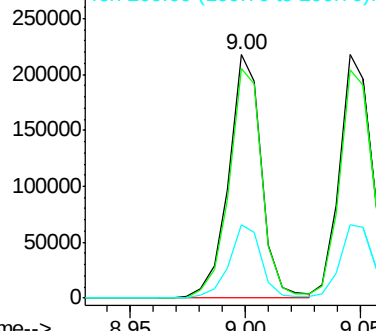
196 100

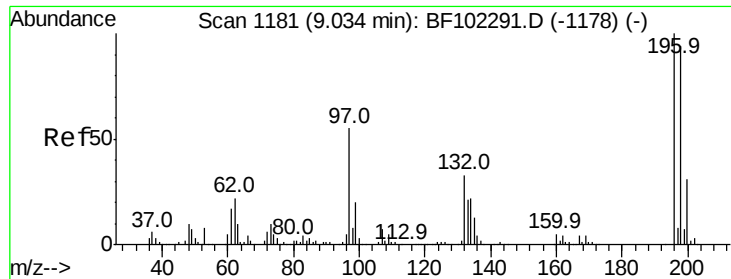
198 94.6 75.7 113.5

200 30.3 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

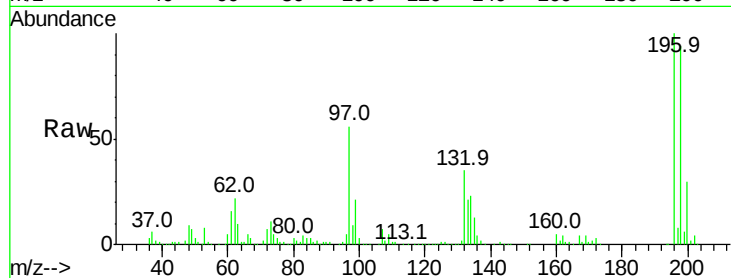




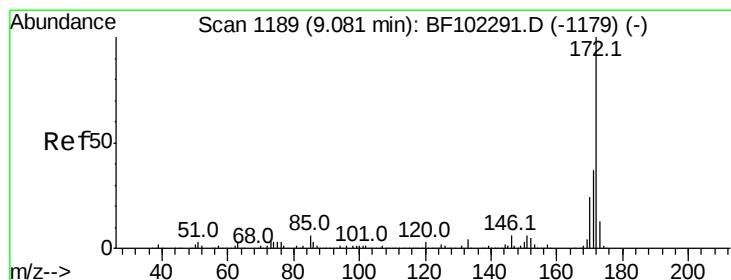
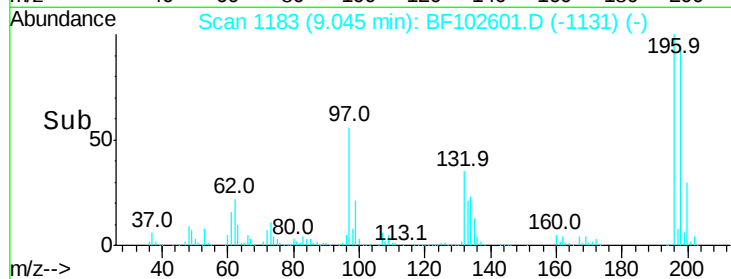
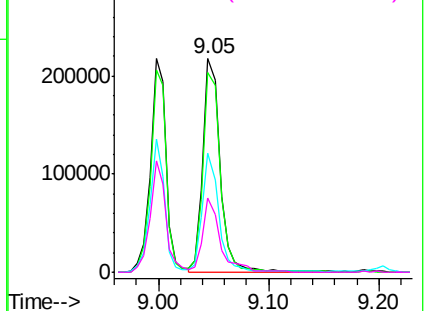
#43
 2,4,5-Trichlorophenol
 Concen: 35.541 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 227138
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.6 112.0
 97 55.8 42.9 64.3
 132 34.8 26.3 39.5

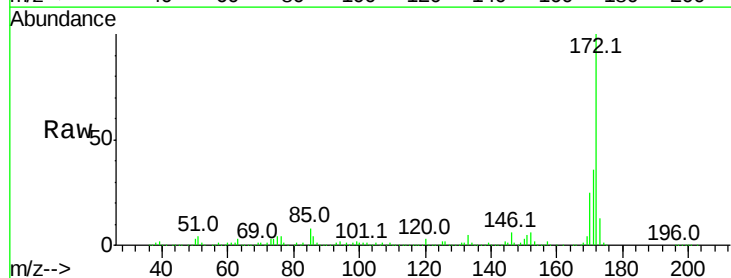


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

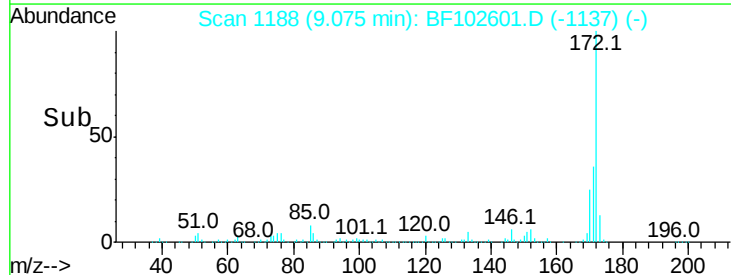
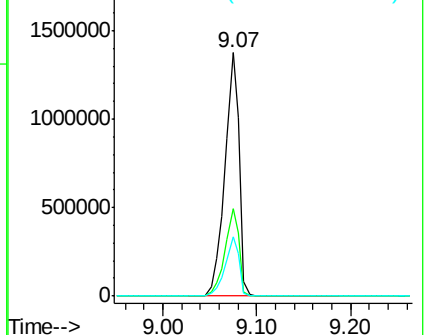


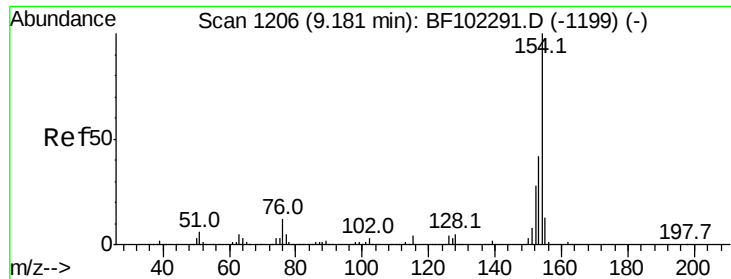
#44
 2-Fluorobiphenyl
 Concen: 75.530 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:172 Resp: 1447703
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.6 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.576 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

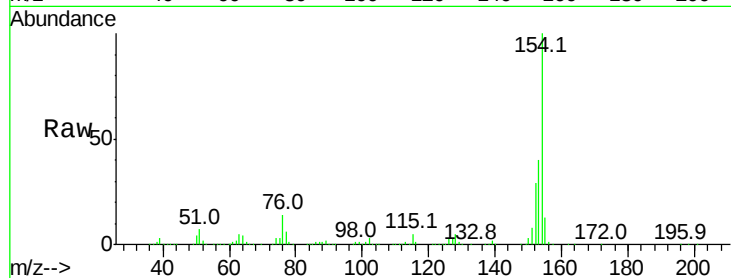
Tot Ion:154 Resp: 921703

Ion Ratio Lower Upper

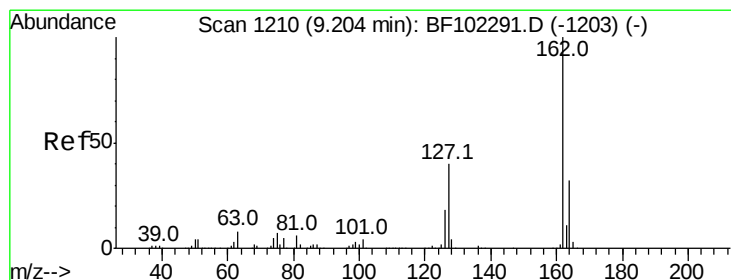
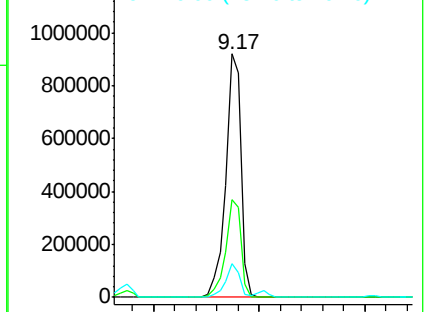
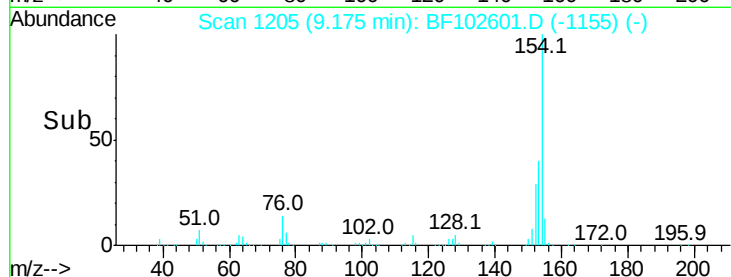
154 100

153 40.1 21.3 61.3

76 13.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.491 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

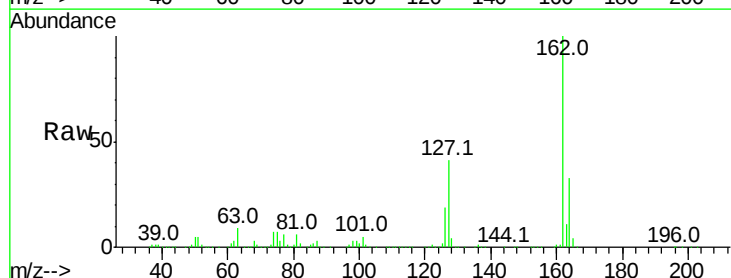
Tgt Ion:162 Resp: 714770

Ion Ratio Lower Upper

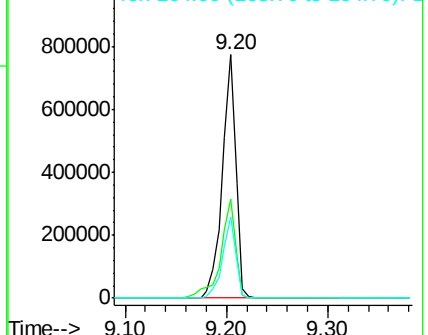
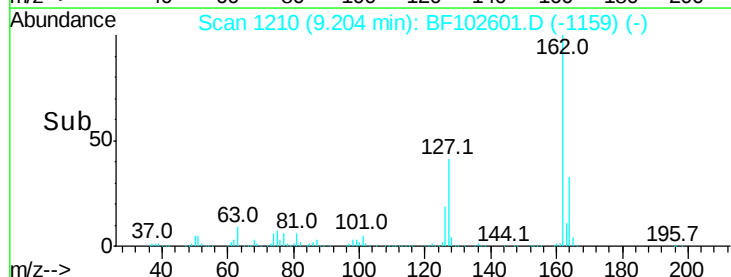
162 100

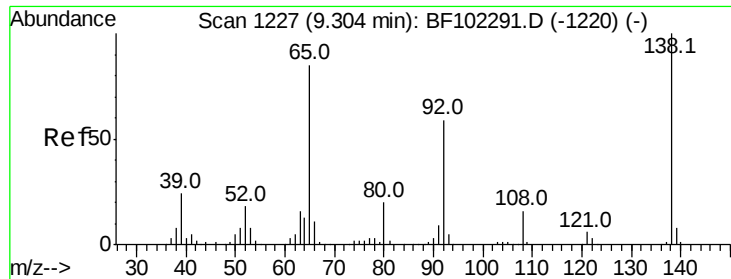
127 40.8 33.9 50.9

164 33.3 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

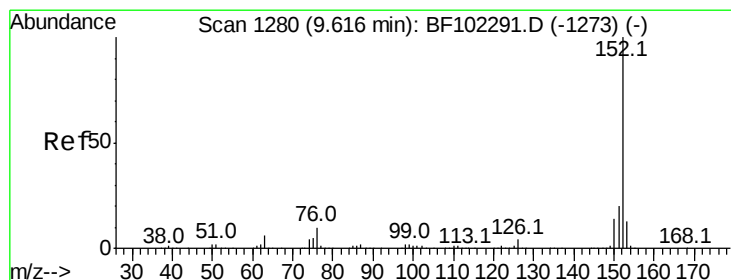
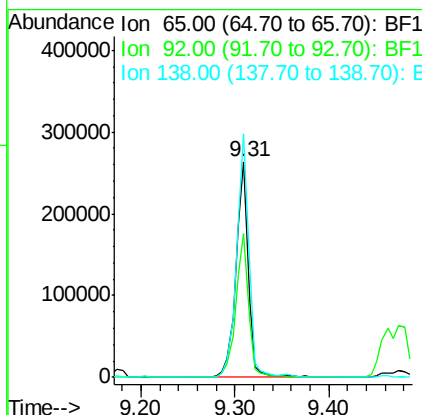
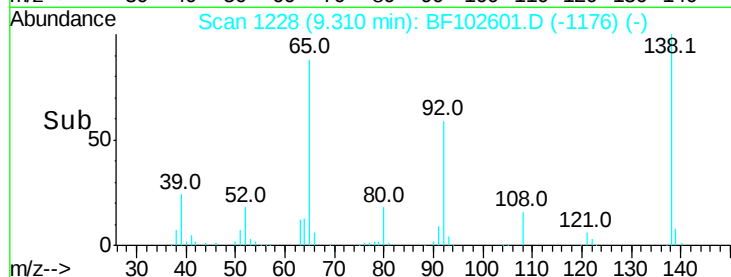
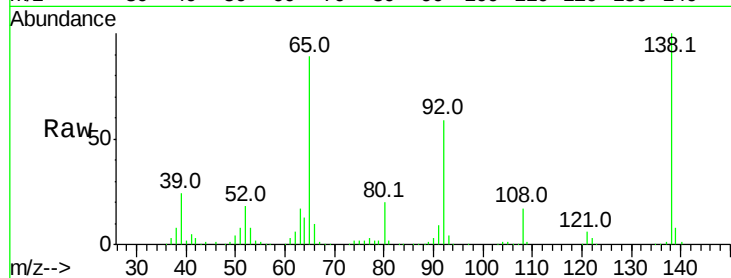




#47
2-Nitroaniline
Concen: 39.573 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

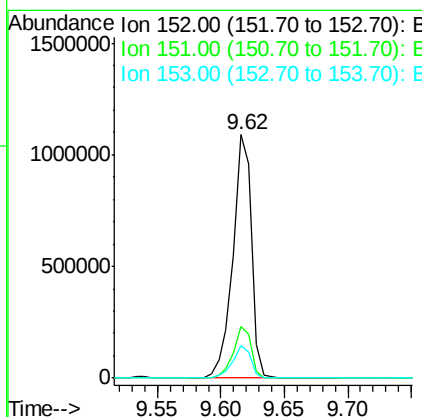
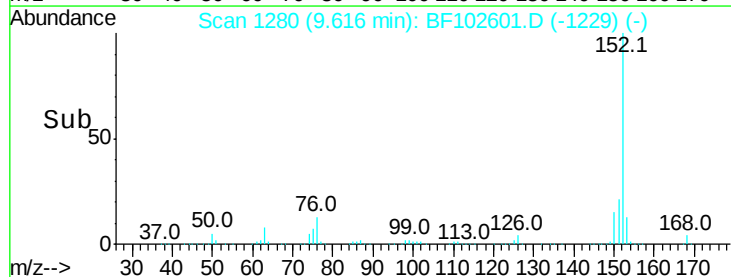
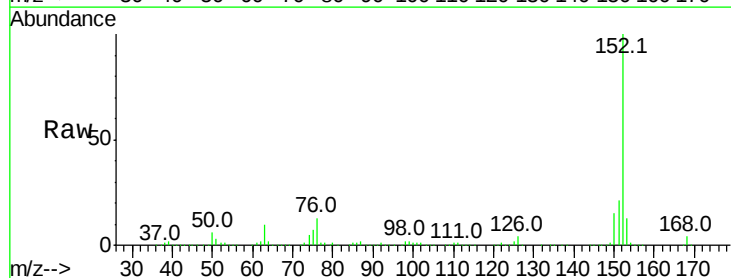
Instrument :
BNA_F
ClientSampleId :

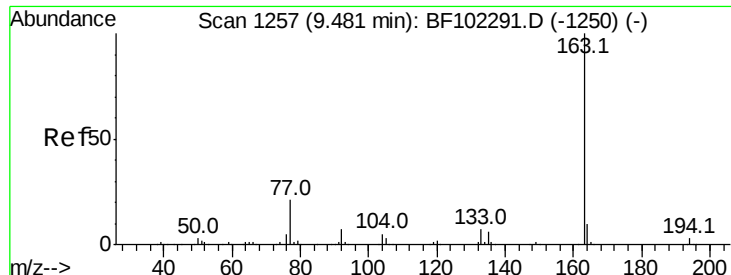
Tot Ion: 65 Resp: 241665
Ion Ratio Lower Upper
65 100
92 66.8 55.8 83.6
138 112.9 91.2 136.8



#48
Acenaphthylene
Concen: 35.734 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:152 Resp: 1090465
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.3 10.7 16.1

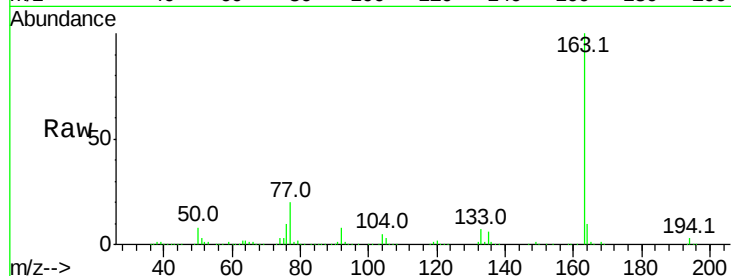




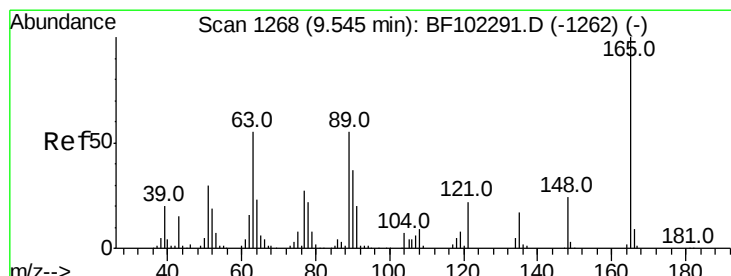
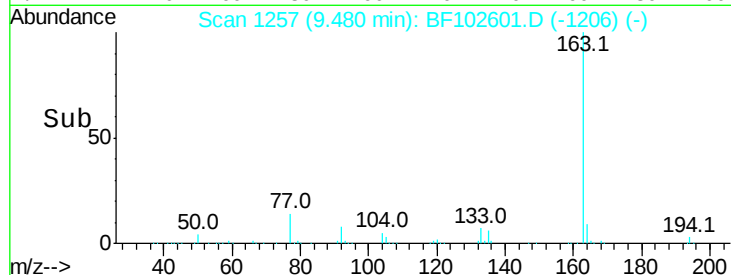
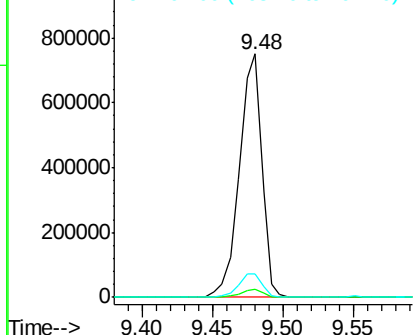
#49
Dimethylphthalate
Concen: 35.694 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 831489
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2

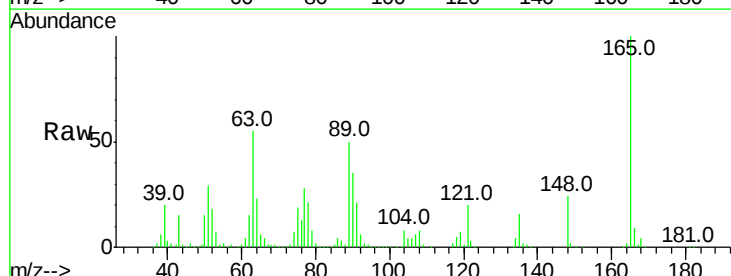


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

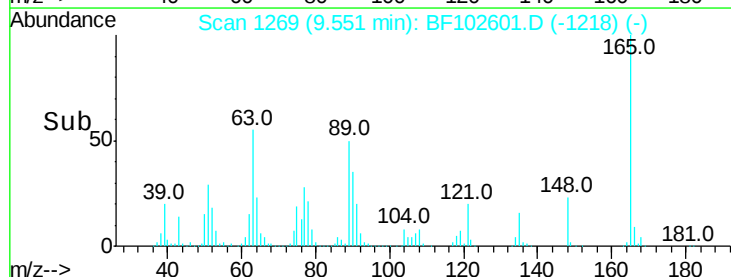
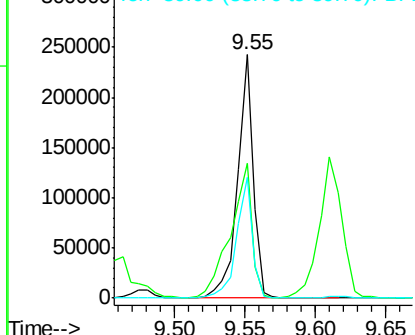


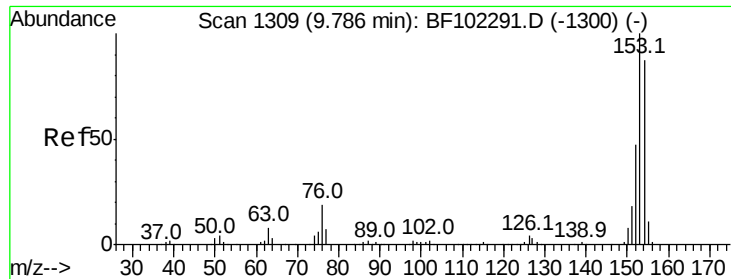
#50
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:165 Resp: 188057
Ion Ratio Lower Upper
165 100
63 55.1 44.7 67.1
89 49.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.942 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

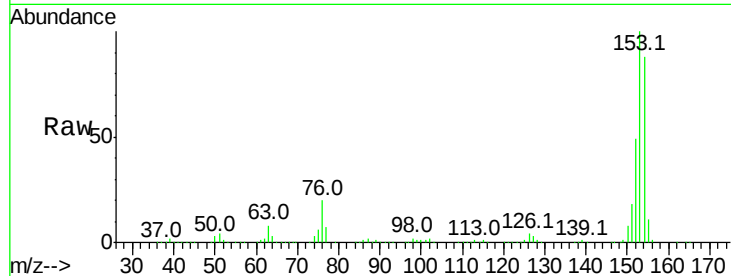
Tot Ion:154 Resp: 640565

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

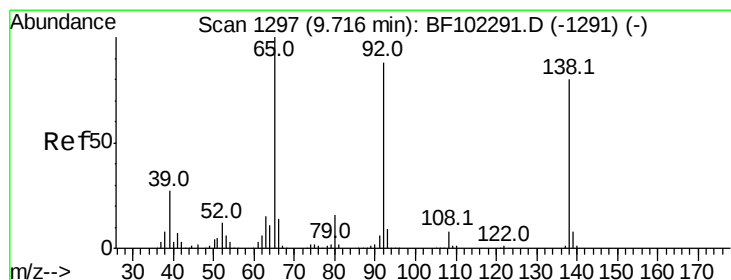
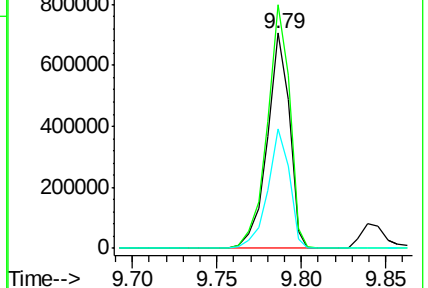
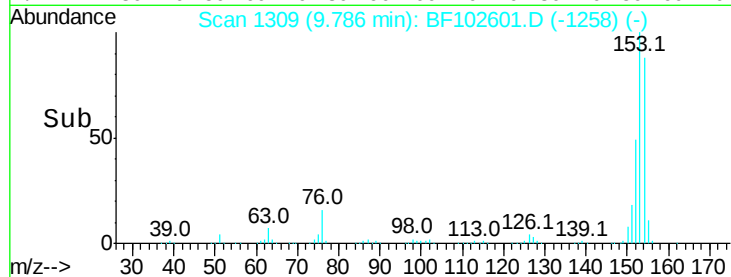
152 55.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.393 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

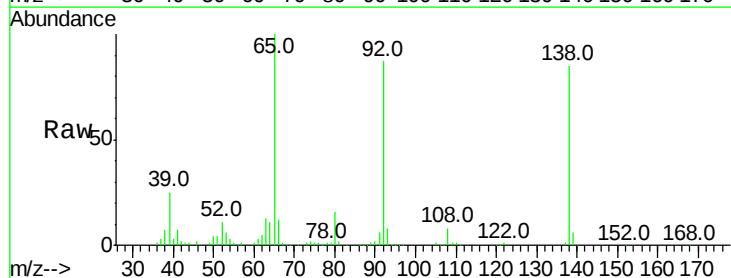
Tgt Ion:138 Resp: 103337

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

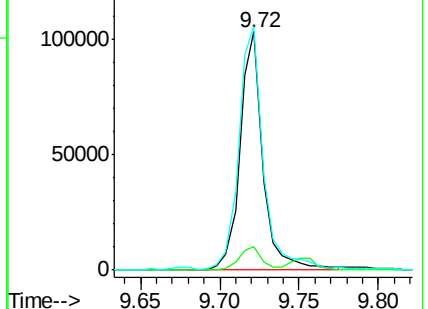
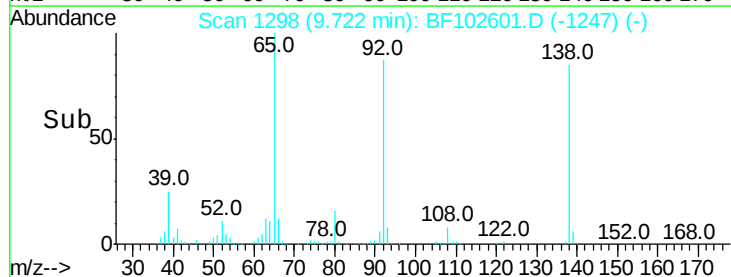
92 102.3 89.4 134.2

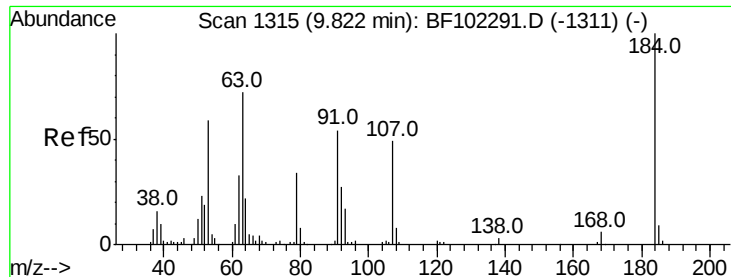


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

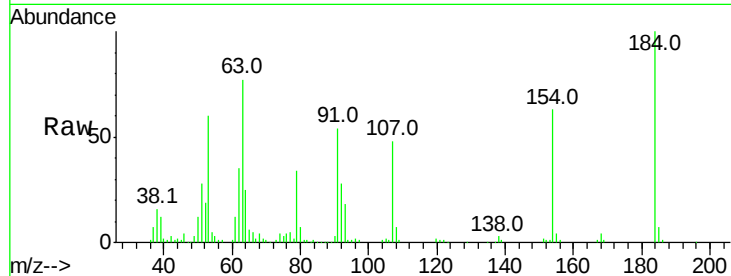




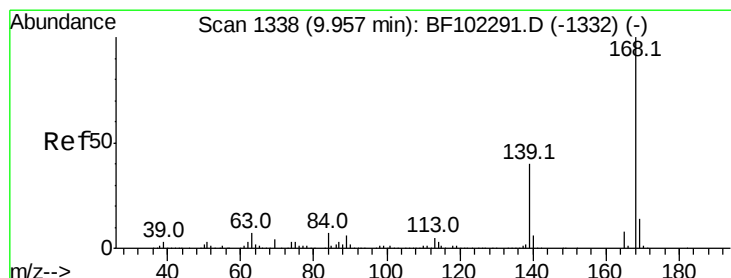
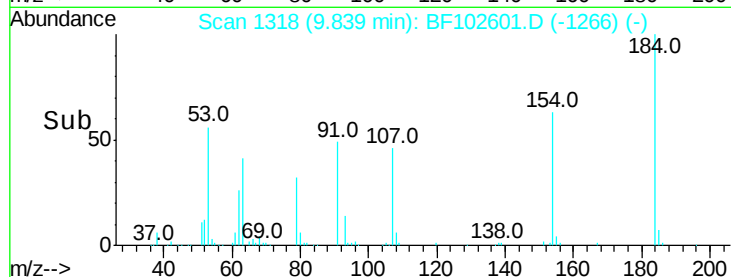
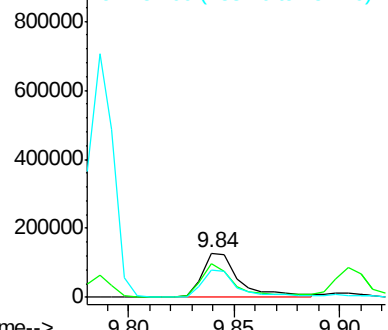
#53
2,4-Dinitrophenol
Concen: 69.979 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 156600
Ion Ratio Lower Upper
184 100
63 76.7 54.2 81.2
154 63.3 184.0 276.0#

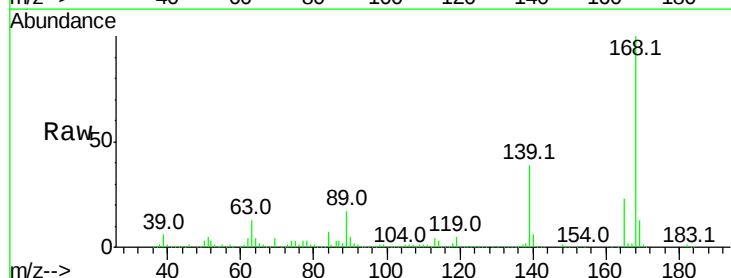


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

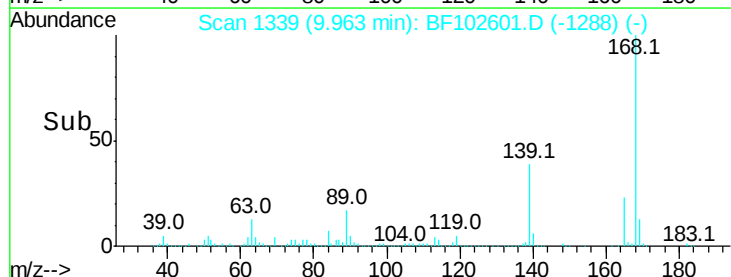
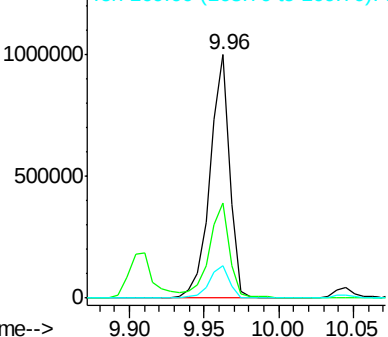


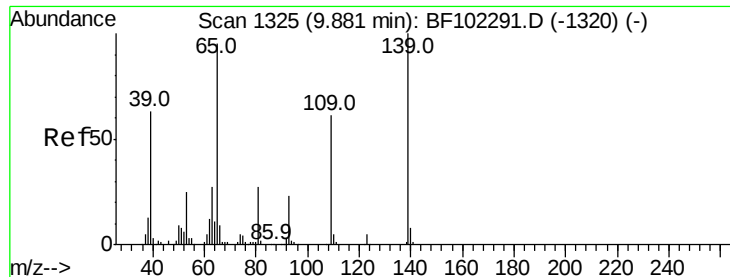
#54
Dibenzofuran
Concen: 38.153 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:168 Resp: 920256
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

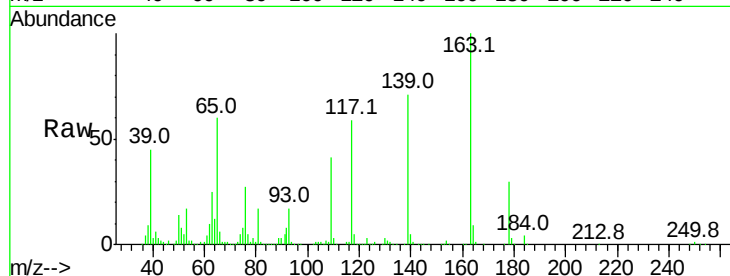




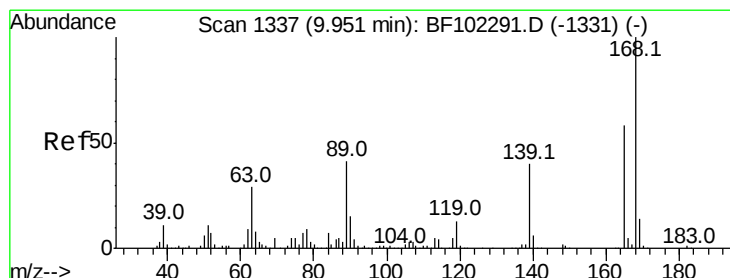
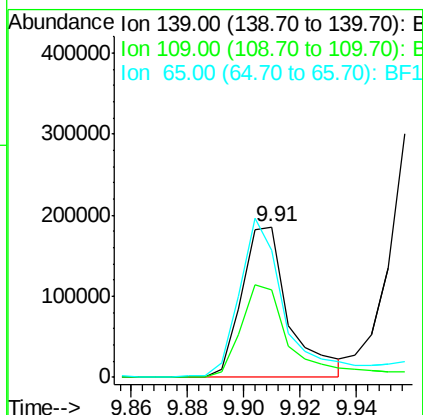
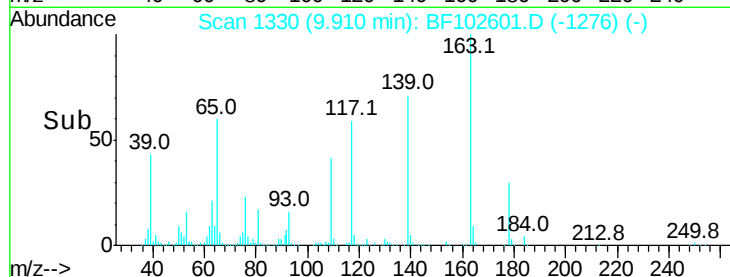
#55
4-Nitrophenol
Concen: 55.036 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 215848
Ion Ratio Lower Upper
139 100
109 58.1 48.4 88.4
65 84.8 72.6 112.6

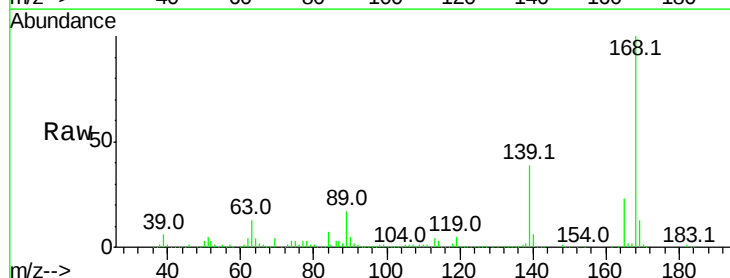


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

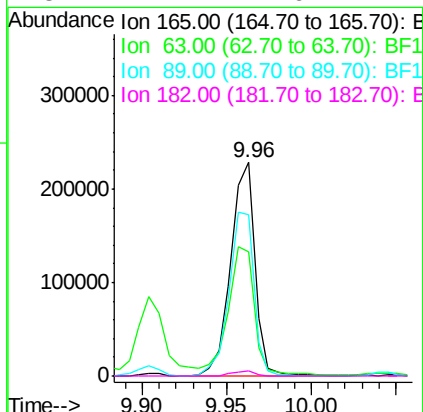
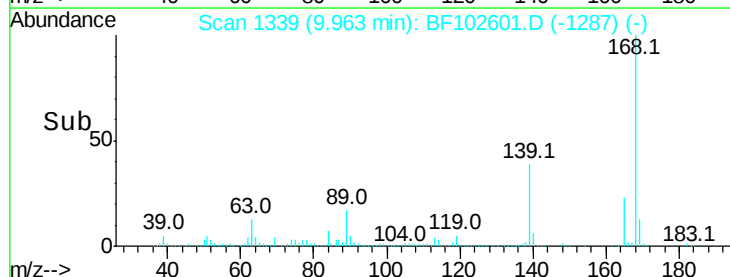


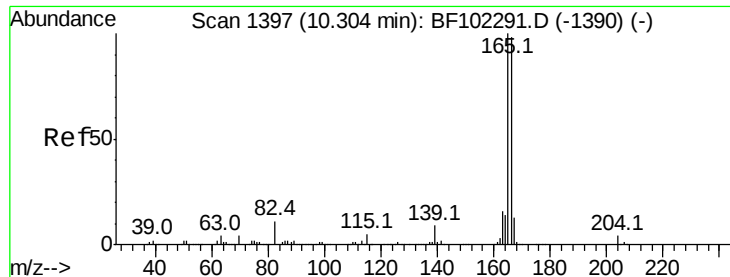
#56
2,4-Dinitrotoluene
Concen: 36.858 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:165 Resp: 227640
Ion Ratio Lower Upper
165 100
63 58.3 36.4 54.6#
89 75.2 57.8 86.6
182 2.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.508 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

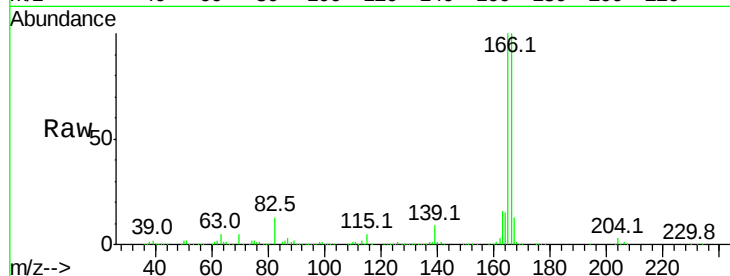
Tot Ion:166 Resp: 755114

Ion Ratio Lower Upper

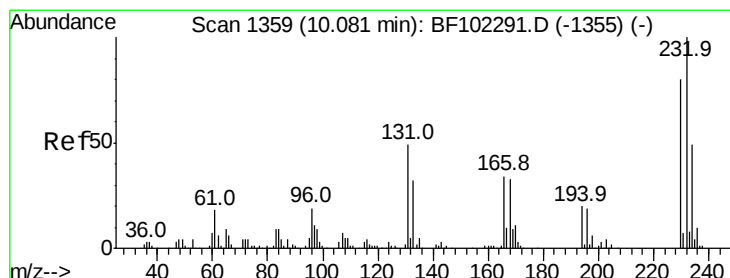
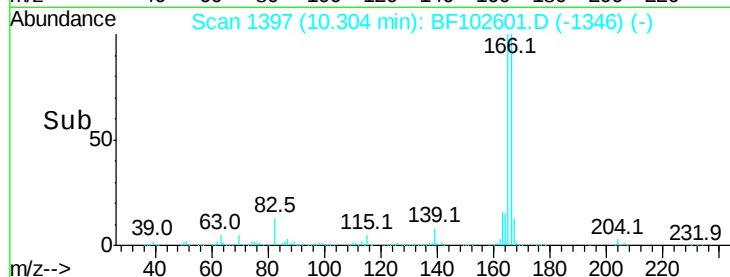
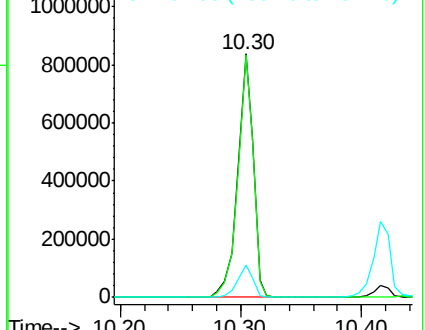
166 100

165 99.7 79.8 119.8

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.874 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:232 Resp: 172821

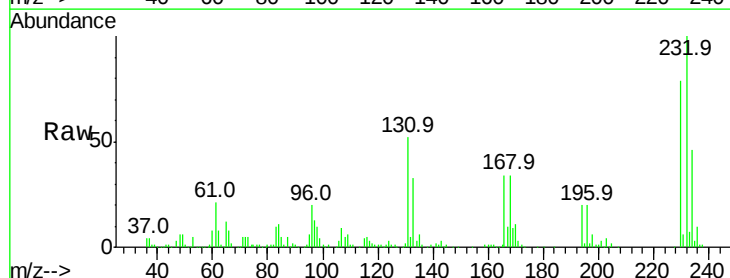
Ion Ratio Lower Upper

232 100

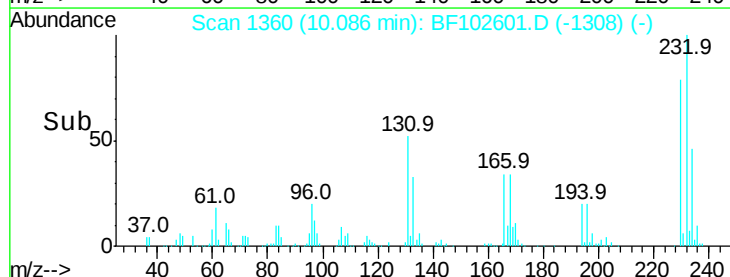
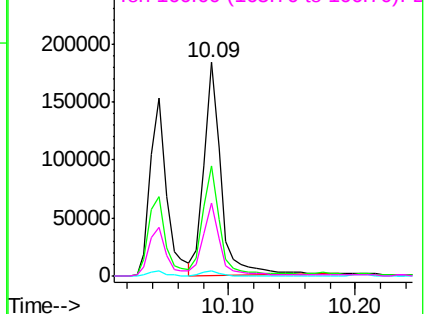
131 50.5 43.8 65.8

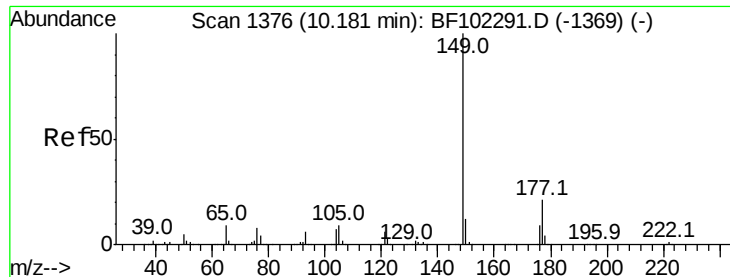
130 2.3 2.1 3.1

166 33.0 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

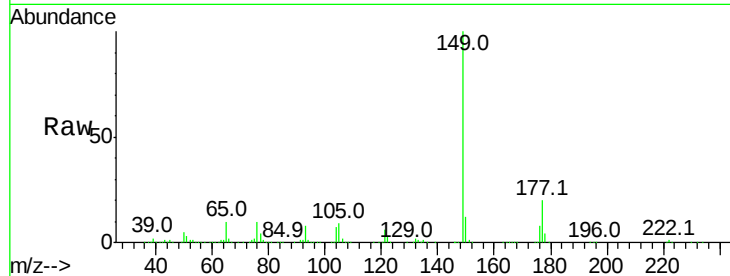




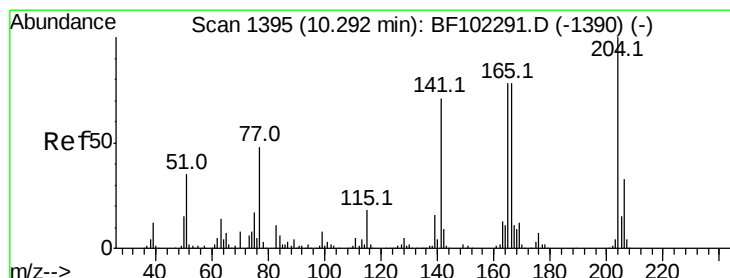
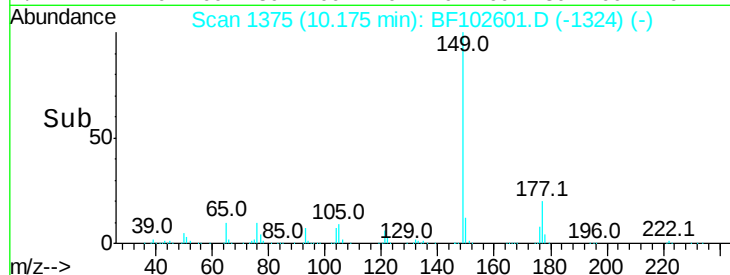
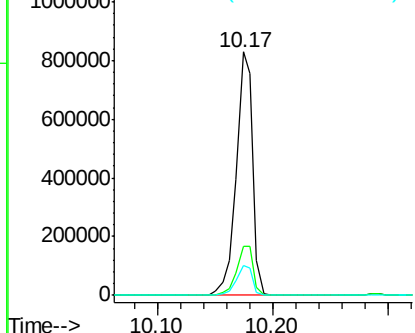
#59
Diethylphthalate
Concen: 35.816 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 810773
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.5 10.1 15.1

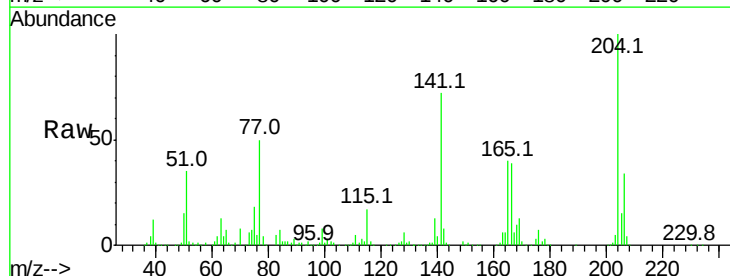


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

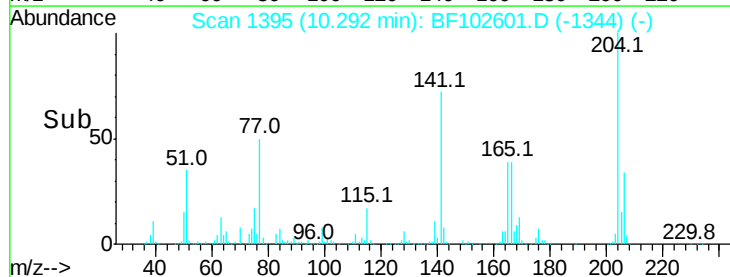
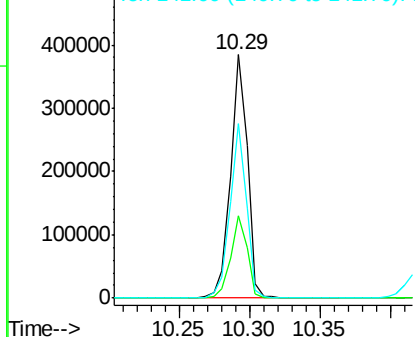


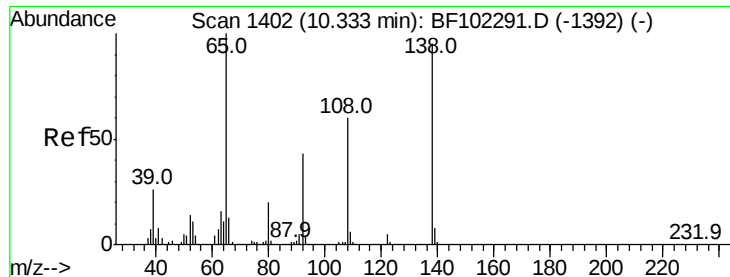
#60
4-Chlorophenyl-phenylether
Concen: 38.468 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:204 Resp: 318766
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 71.6 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

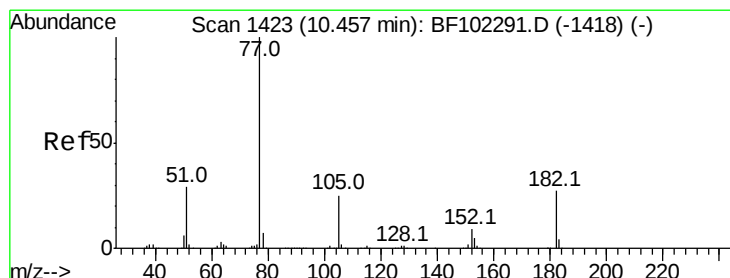
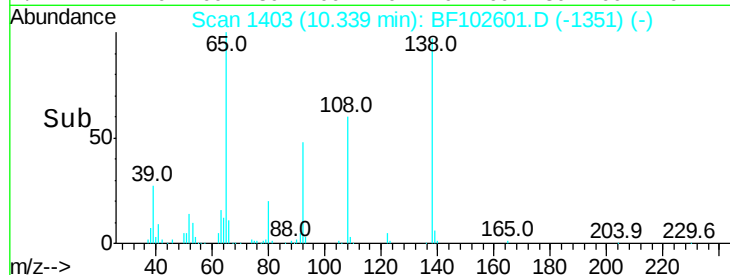
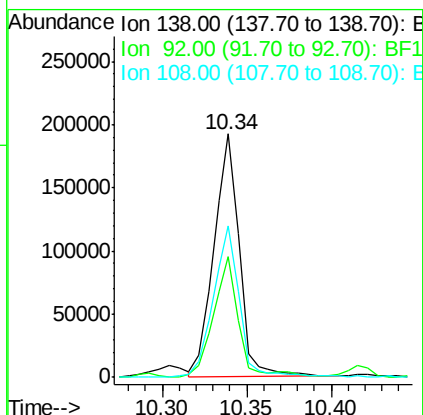
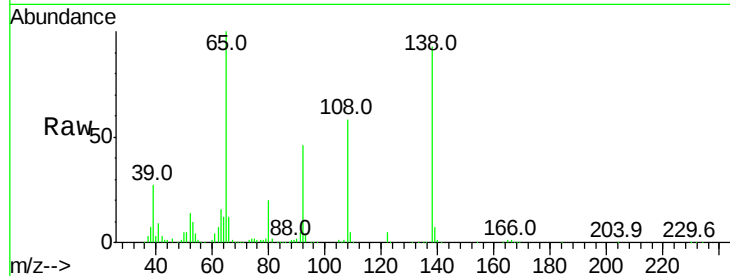




#61
4-Nitroaniline
Concen: 33.861 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

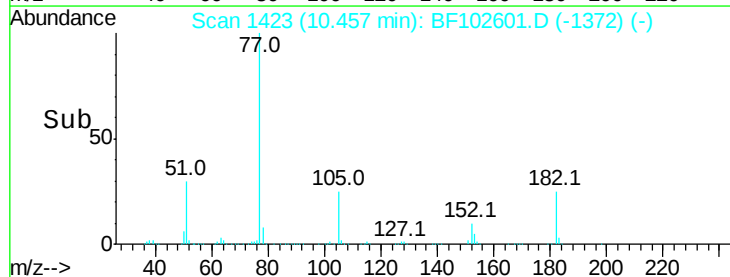
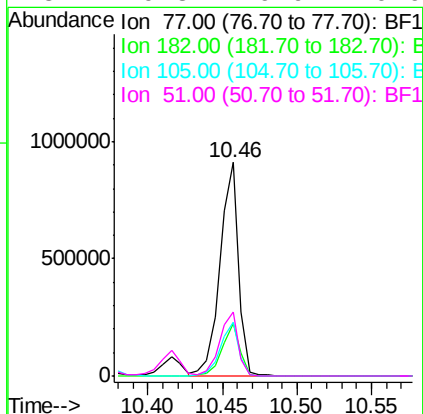
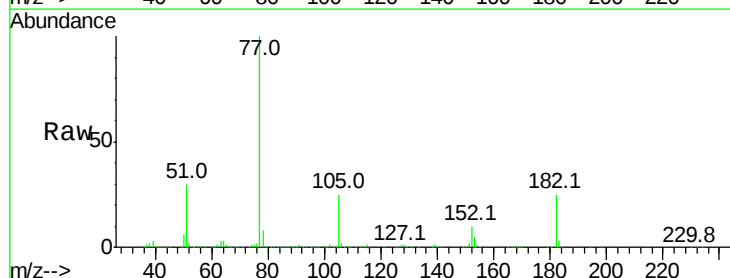
Instrument :
BNA_F
ClientSampled :

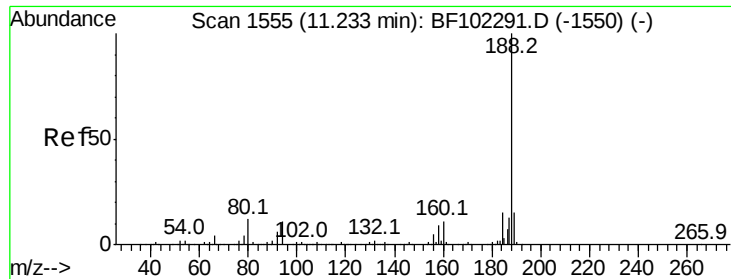
Tot Ion:138 Resp: 200751
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 62.4 52.5 92.5



#62
Azobenzene
Concen: 38.394 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 77 Resp: 795732
Ion Ratio Lower Upper
77 100
182 24.6 1.7 41.7
105 25.1 3.0 43.0
51 29.8 9.9 49.9

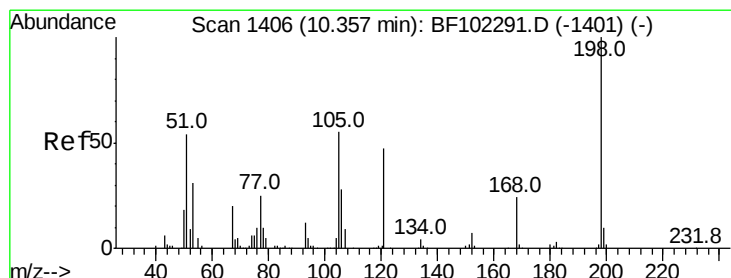
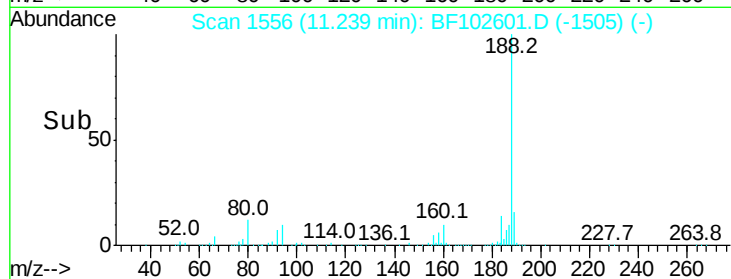
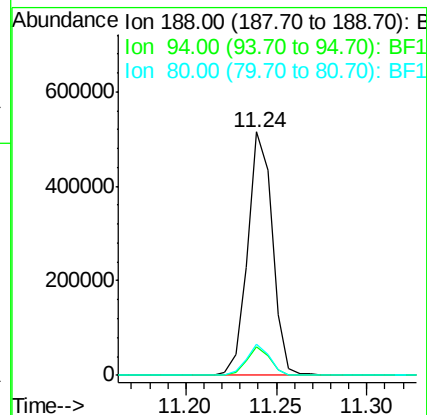
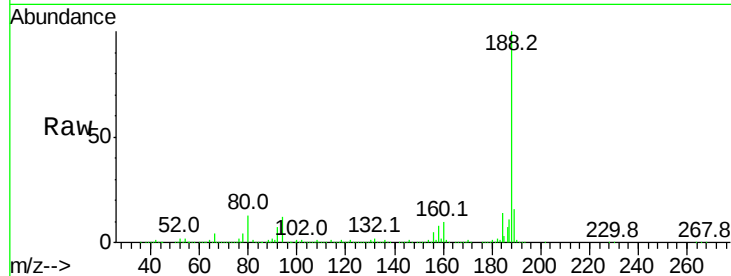




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

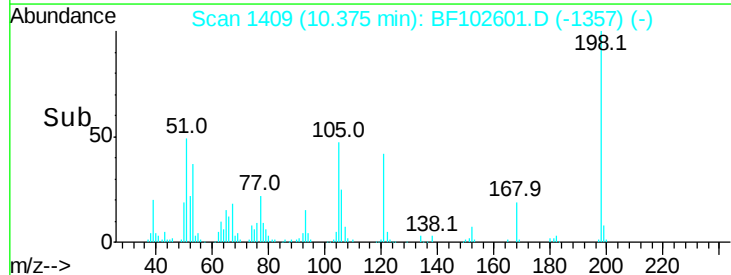
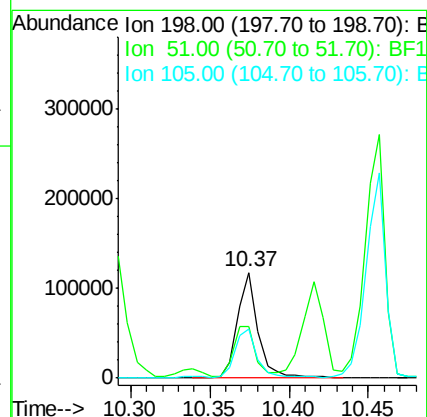
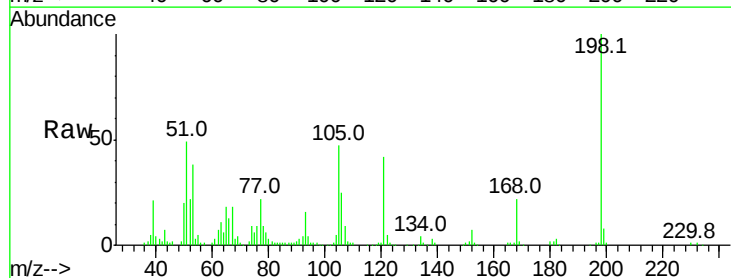
Instrument :
BNA_F
ClientSampleId :

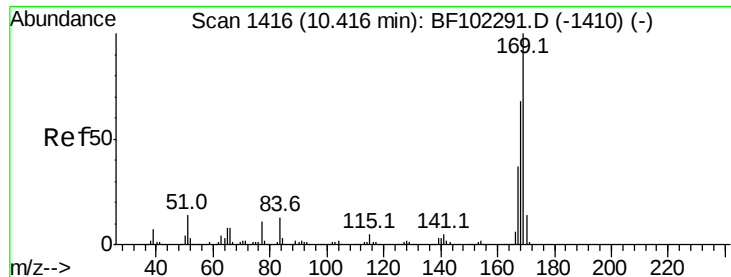
Tot Ion:188 Resp: 488699
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.846 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:198 Resp: 107092
Ion Ratio Lower Upper
198 100
51 49.3 37.7 77.7
105 46.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.367 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

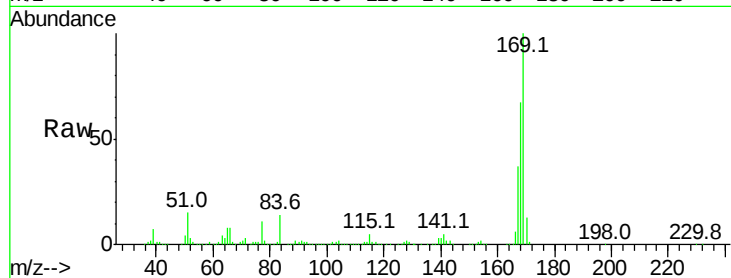
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 688199

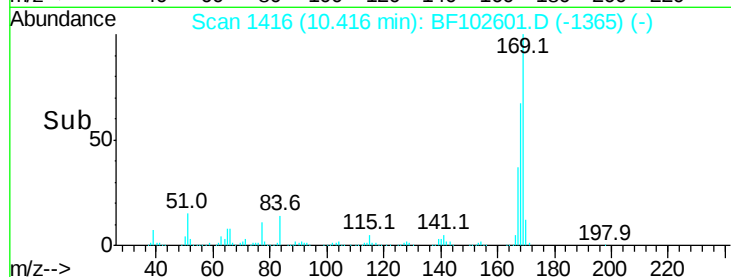
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	36.9	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

10.42

800000

600000

400000

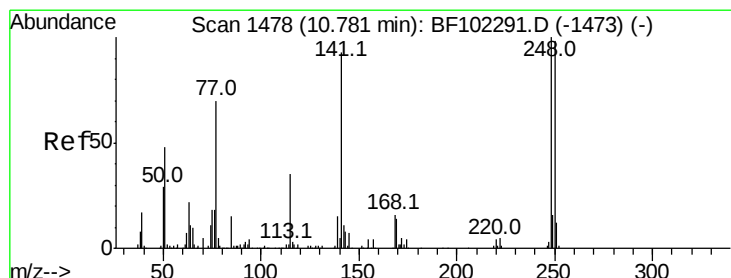
200000

0

10.30

10.40

10.50



#66

4-Bromophenyl-phenylether

Concen: 37.329 ng

RT: 10.78 min Scan# 1478

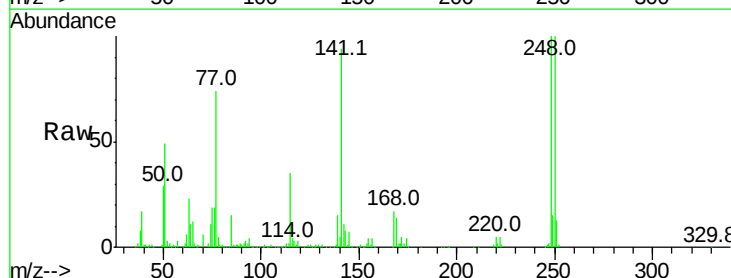
Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:248 Resp: 196383

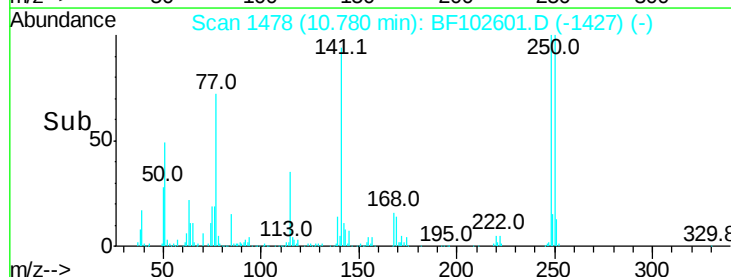
Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.9	115.3
141	94.1	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

10.78

300000

250000

200000

150000

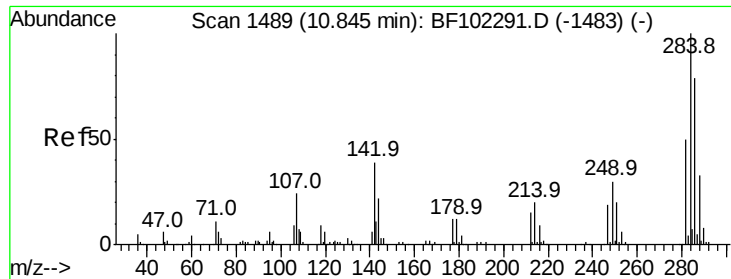
100000

50000

0

10.75

10.80



#67

Hexachlorobenzene

Concen: 34.647 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampled :

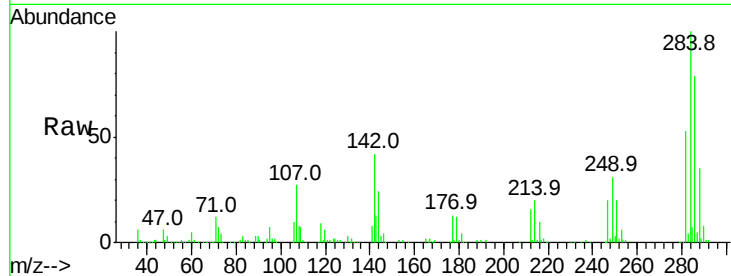
Tot Ion:284 Resp: 203850

Ion Ratio Lower Upper

284 100

142 42.2 34.6 52.0

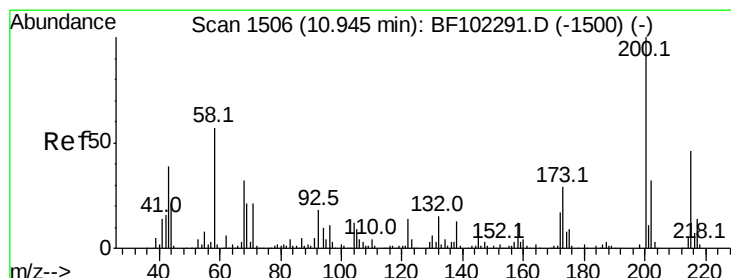
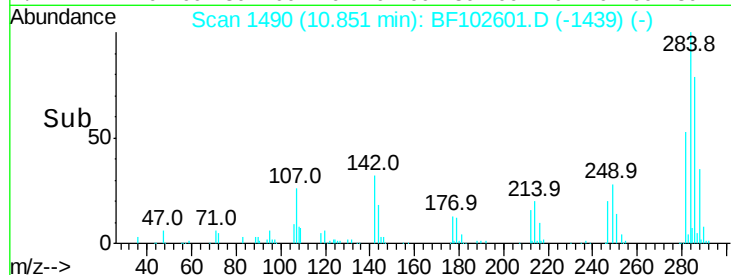
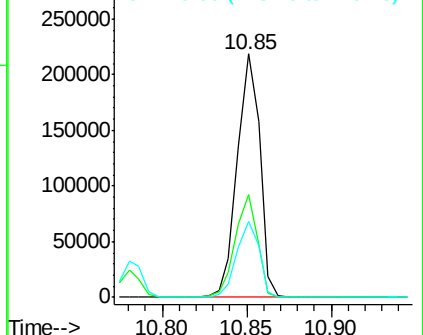
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.771 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

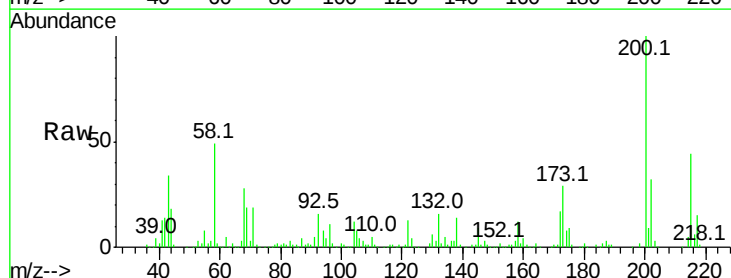
Tgt Ion:200 Resp: 210692

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

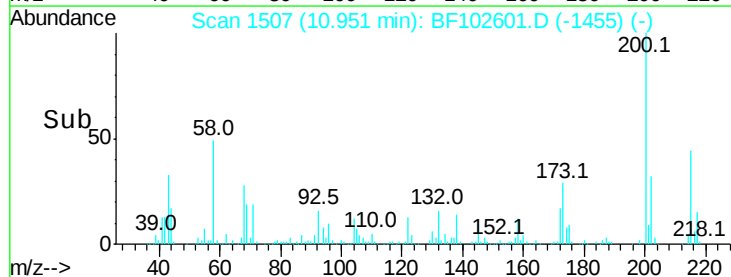
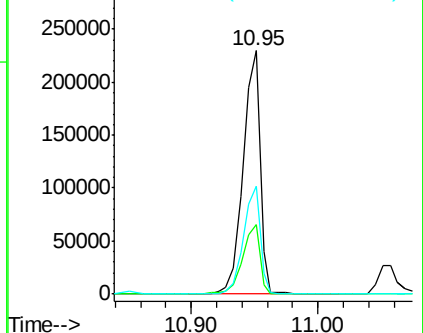
215 44.3 25.1 65.1

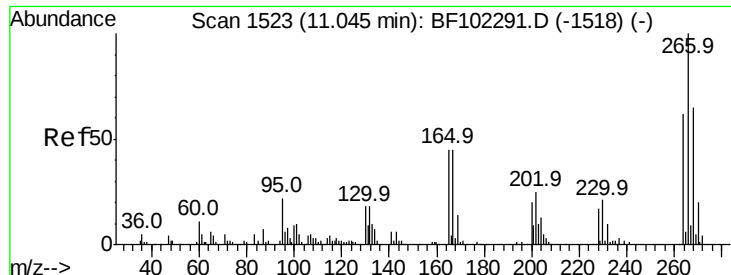


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

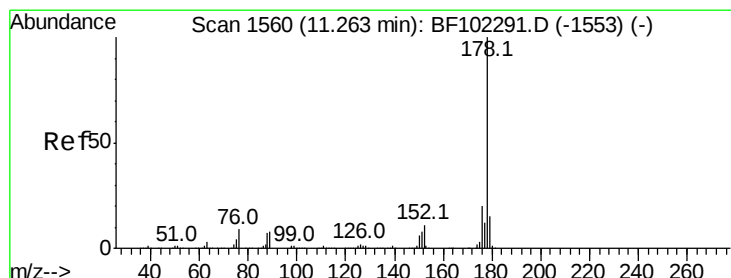
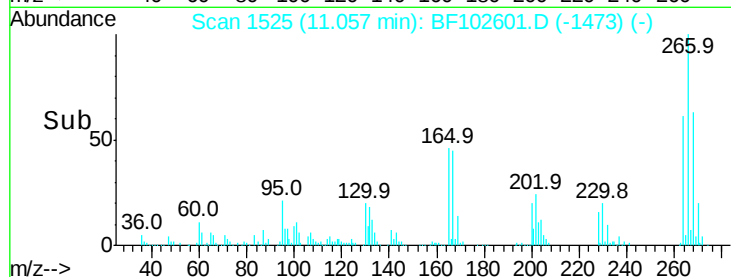
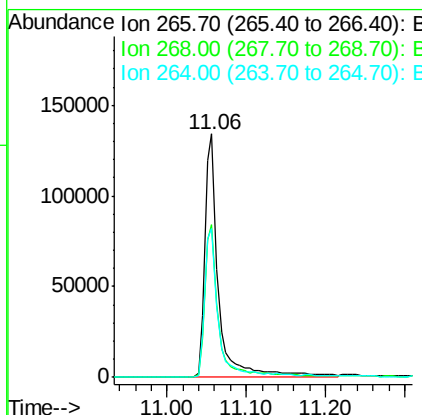
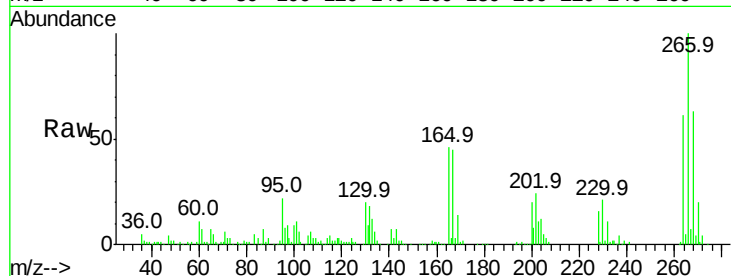




#69
 Pentachlorophenol
 Concen: 53.345 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

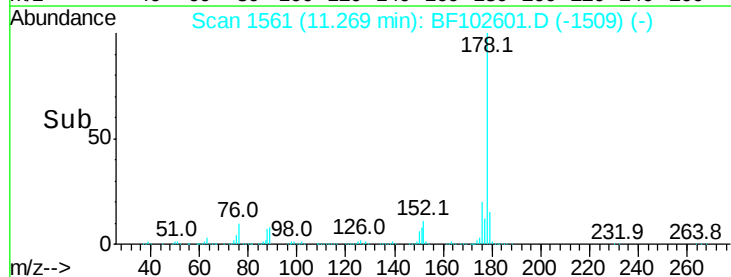
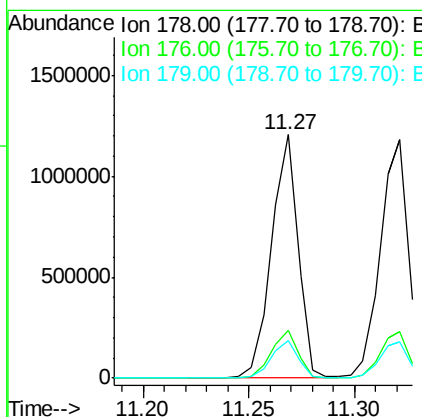
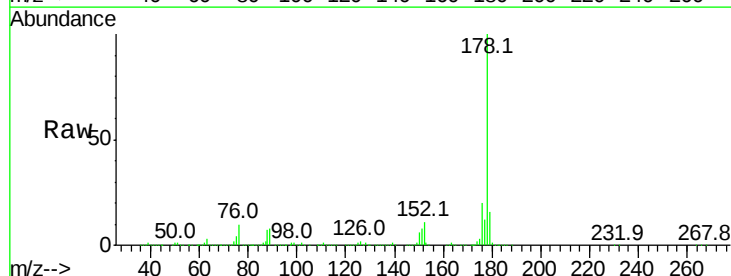
Instrument :
 BNA_F
 ClientSampleId :

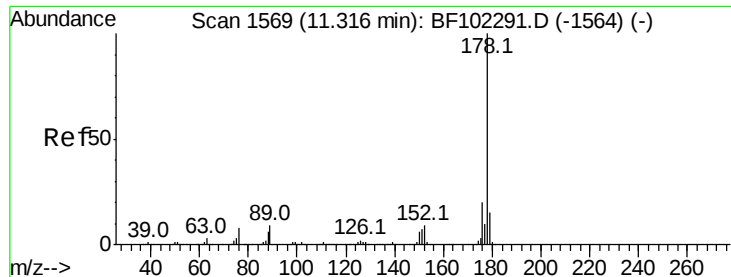
Tot Ion:266 Resp: 164877
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 37.182 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:178 Resp: 1058843
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6

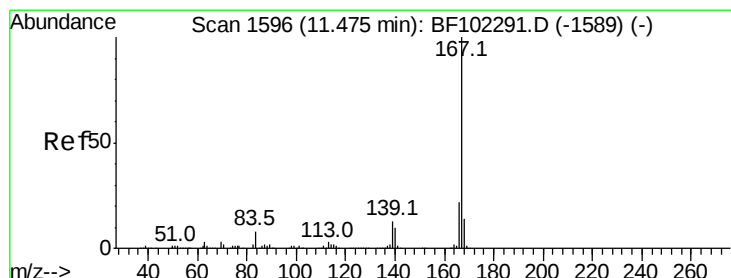
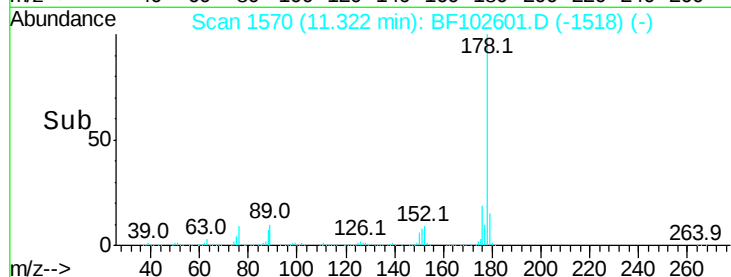
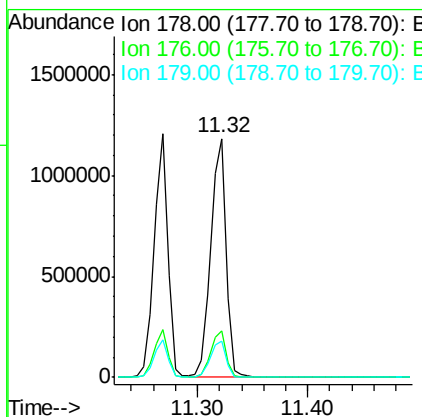
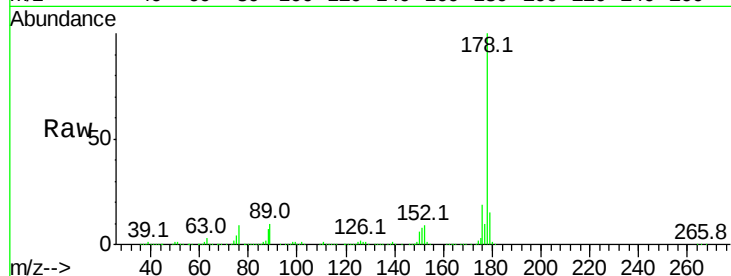




#71
 Anthracene
 Concen: 38.409 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

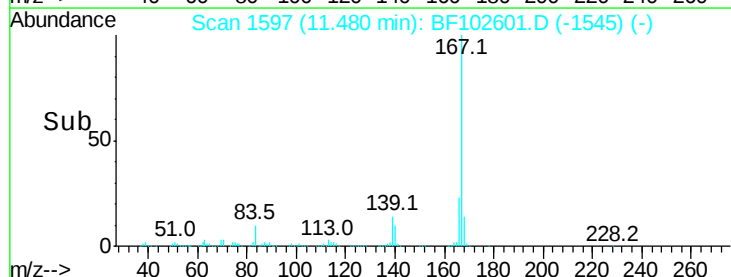
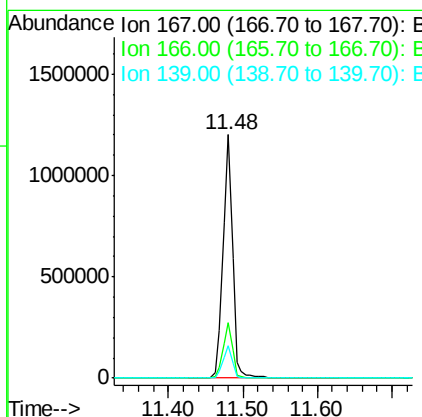
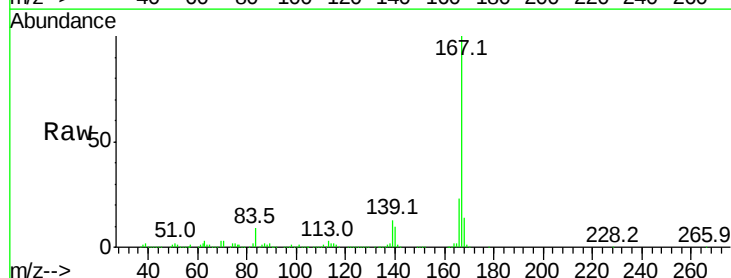
Instrument :
 BNA_F
 ClientSampleId :

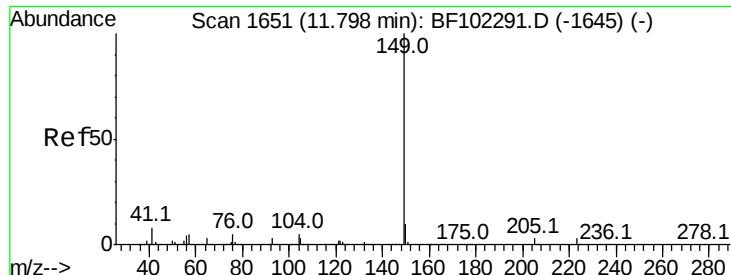
Tot Ion:178 Resp: 1116426
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.579 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:167 Resp: 1065625
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.594 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

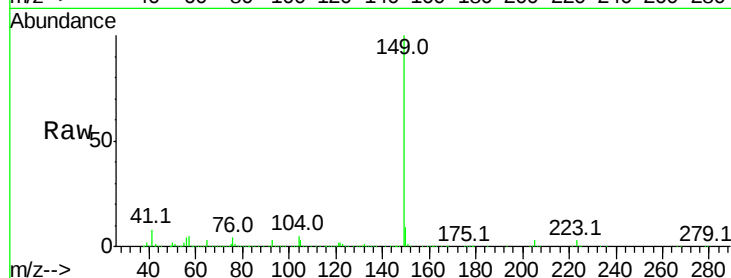
Tot Ion:149 Resp: 1297082

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

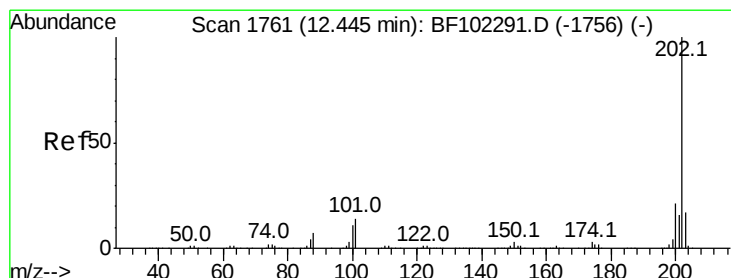
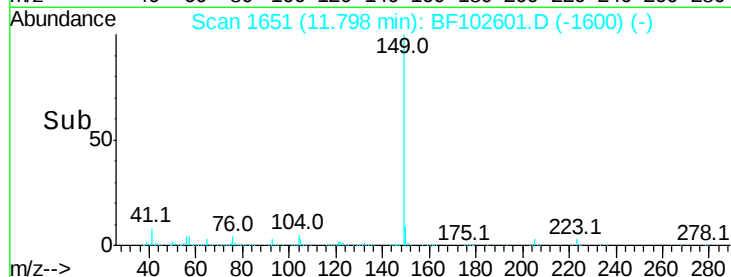
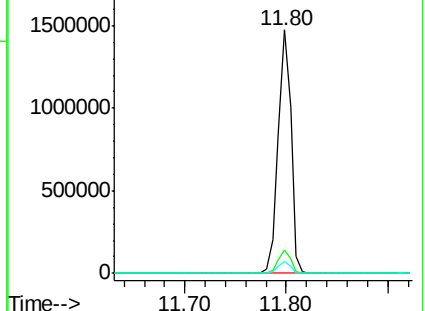
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.784 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

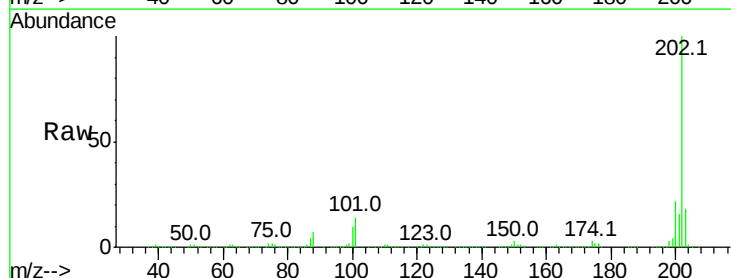
Tgt Ion:202 Resp: 1097259

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

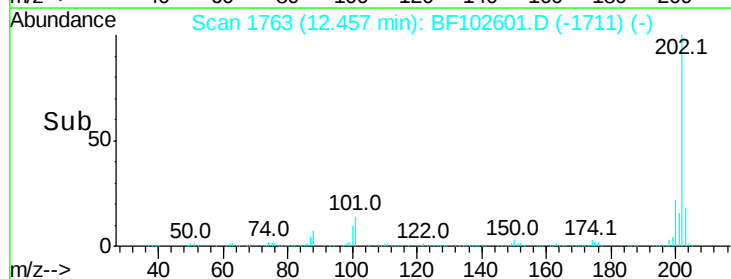
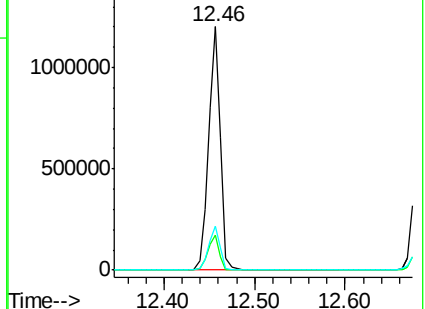
203 17.9 0.0 38.1

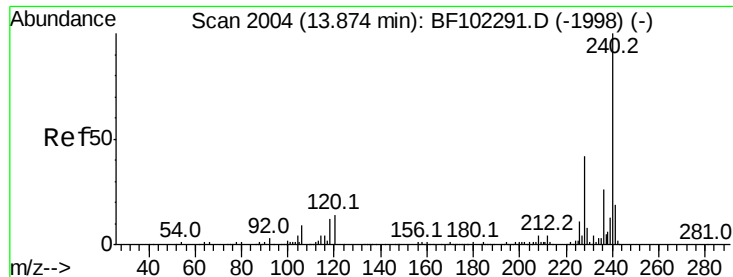


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampled :

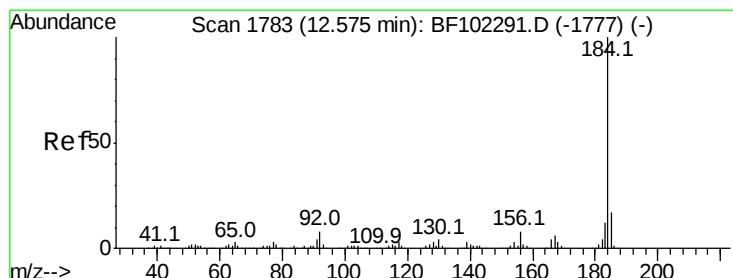
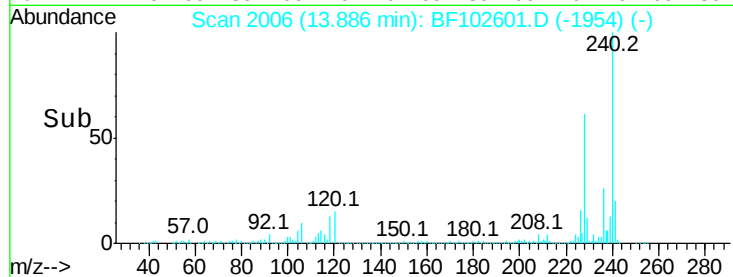
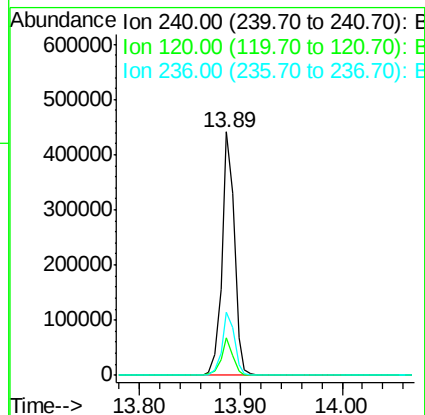
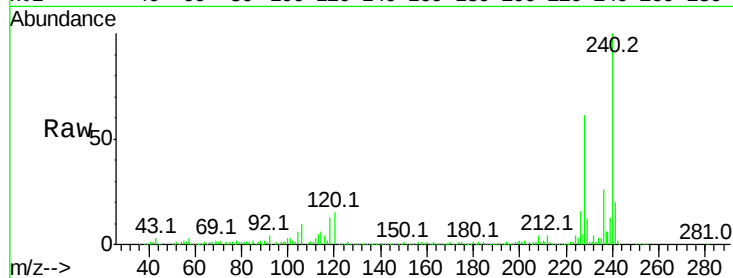
Tot Ion:240 Resp: 375985

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

236 25.8 20.7 31.1



#76

Benzidine

Concen: 27.310 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

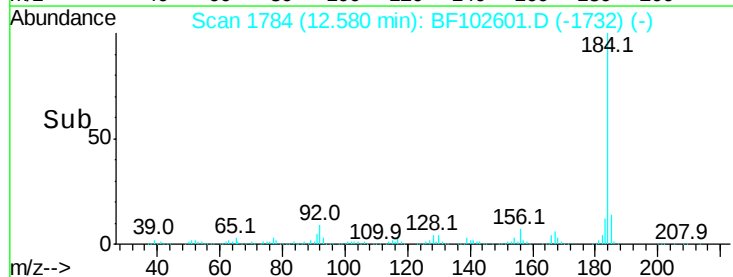
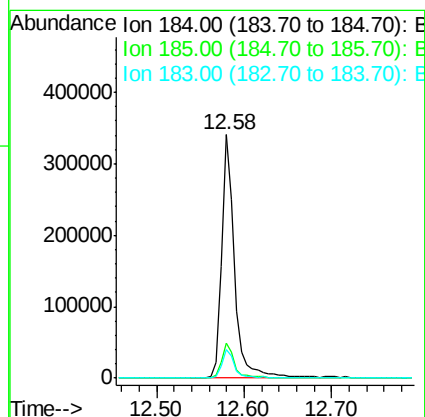
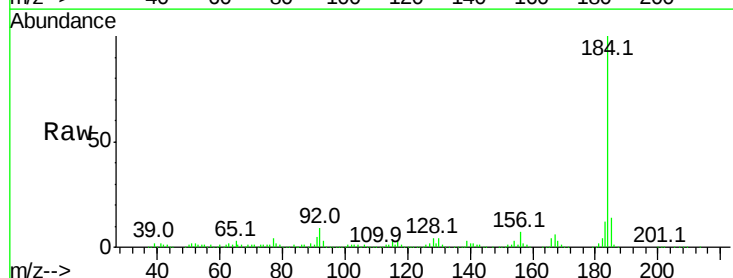
Tgt Ion:184 Resp: 344941

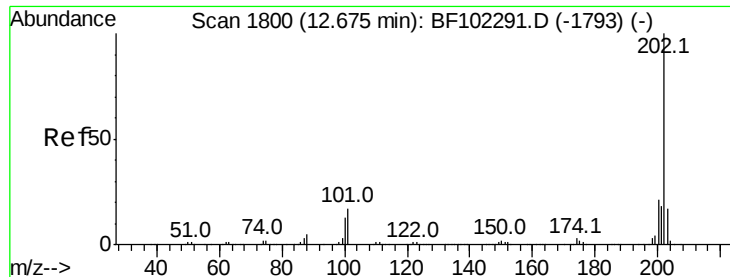
Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 11.9 9.3 13.9





#77

Pvrene

Concen: 38.792 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

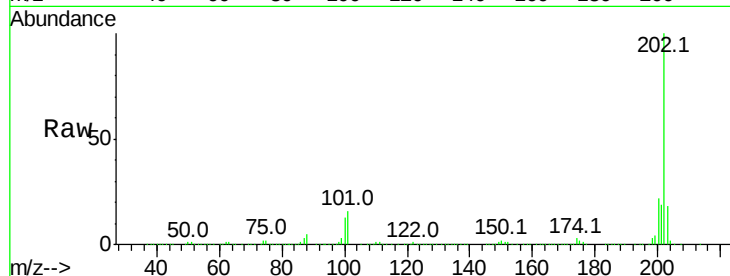
Tot Ion:202 Resp: 1127685

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

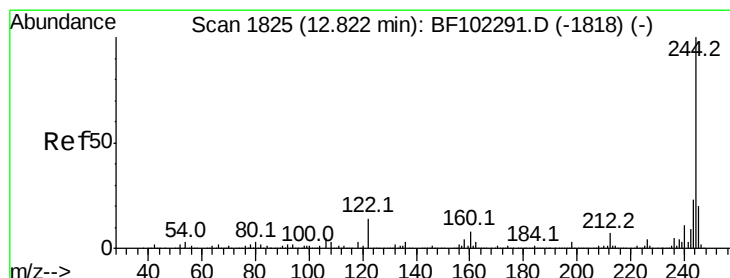
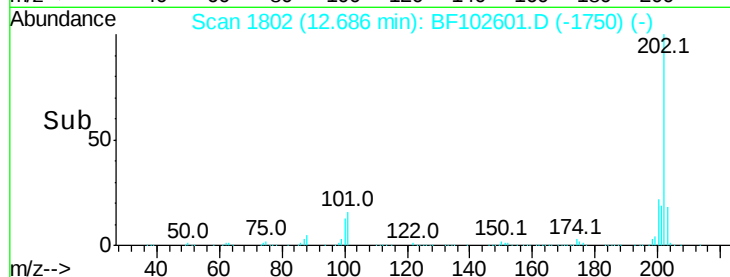
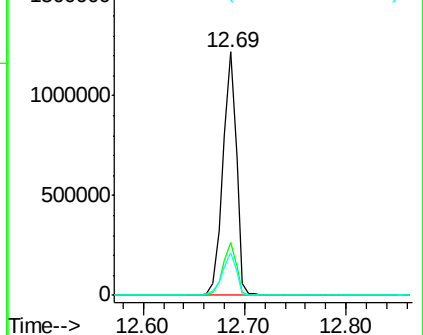
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.320 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

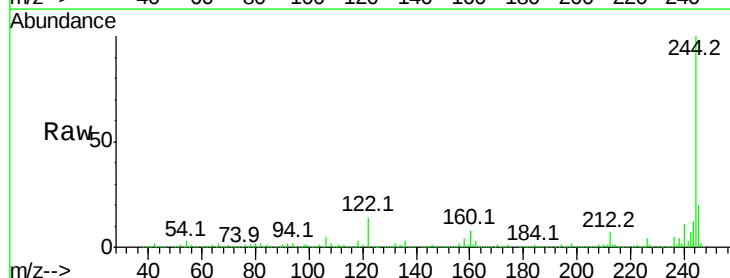
Tgt Ion:244 Resp: 1356271

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

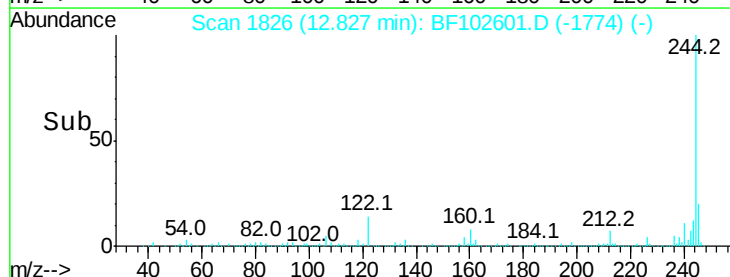
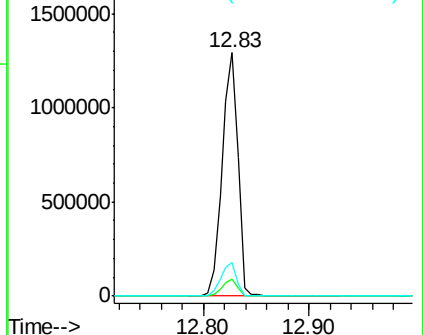
122 13.6 11.0 16.4

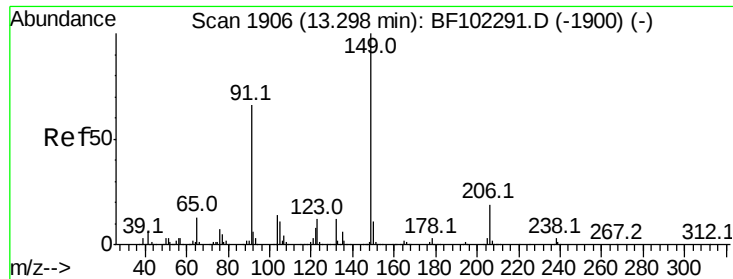


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

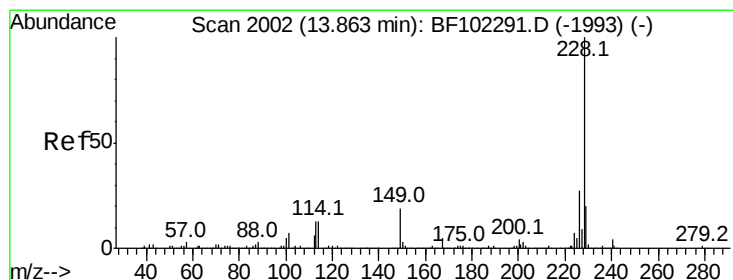
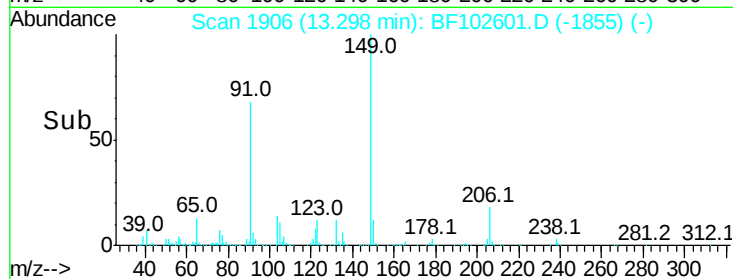
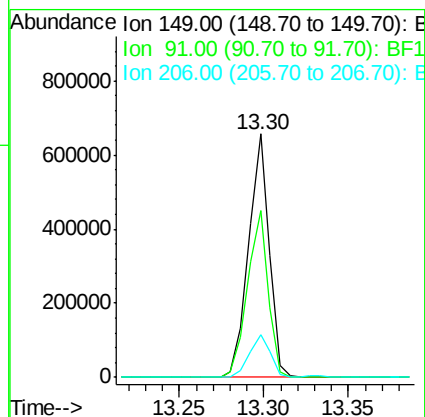
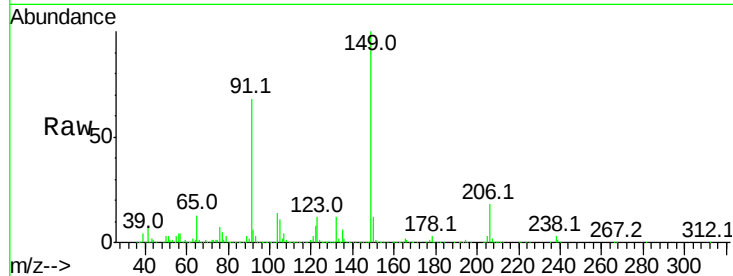




#79
Butylbenzylphthalate
Concen: 38.704 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

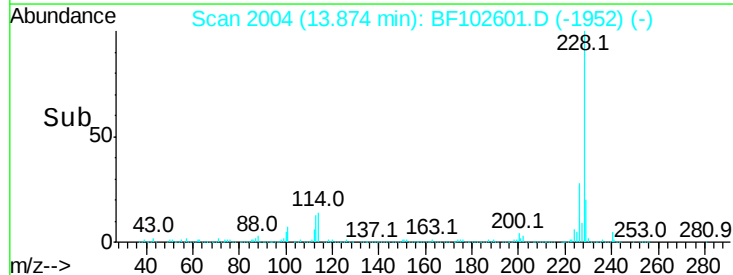
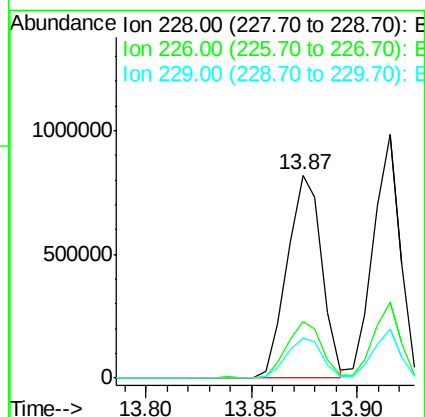
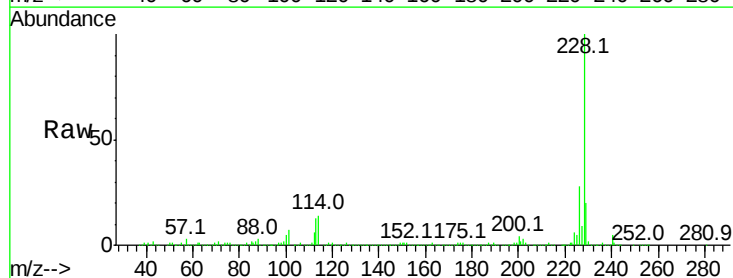
Instrument :
BNA_F
ClientSampleId :

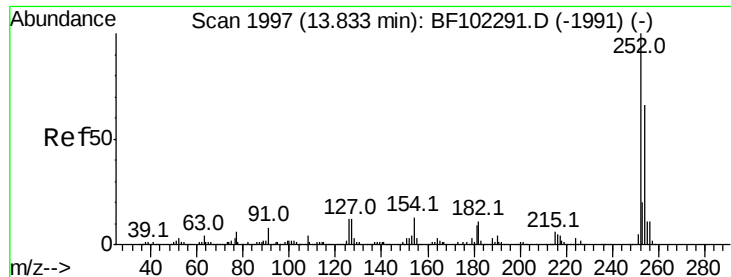
Tot Ion:149 Resp: 559913
Ion Ratio Lower Upper
149 100
91 68.5 56.8 85.2
206 17.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.457 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:228 Resp: 936504
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 23.669 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampled :

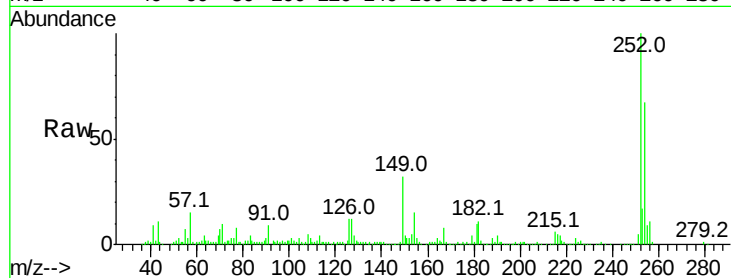
Tot Ion:252 Resp: 200987

Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.4	75.6
126	12.5	11.3	16.9

252 100

254 66.9 50.4 75.6

126 12.5 11.3 16.9

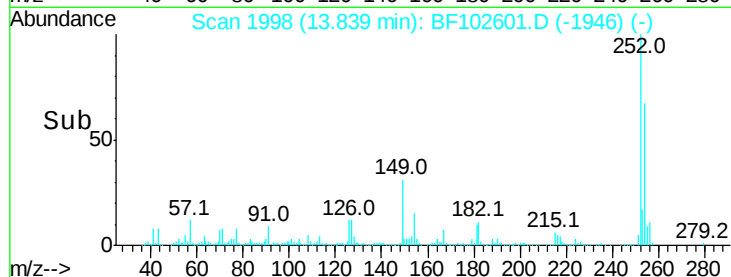


Abundance Ion 252.00 (251.70 to 252.70): E

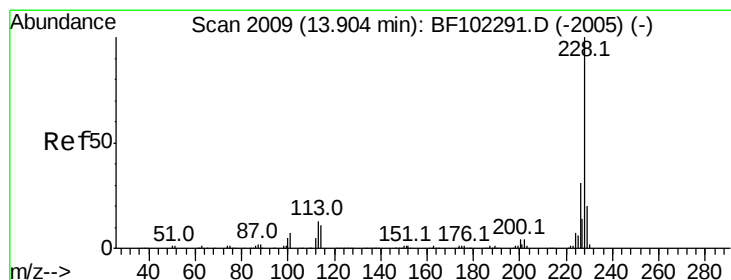
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



Time-->



#82

Chrysene

Concen: 37.760 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

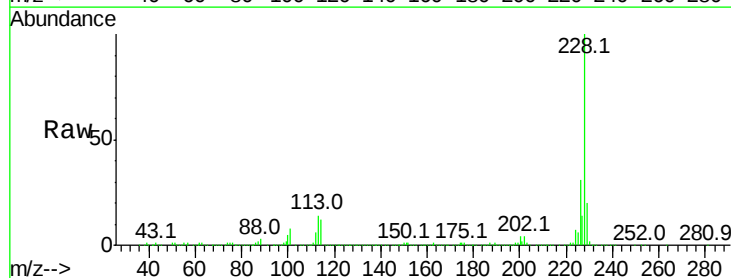
Tgt Ion:228 Resp: 887624

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4

228 100

226 31.0 25.0 37.6

229 20.3 16.2 24.4

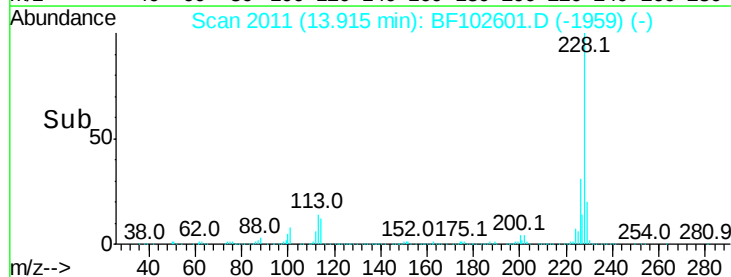


Abundance Ion 228.00 (227.70 to 228.70): E

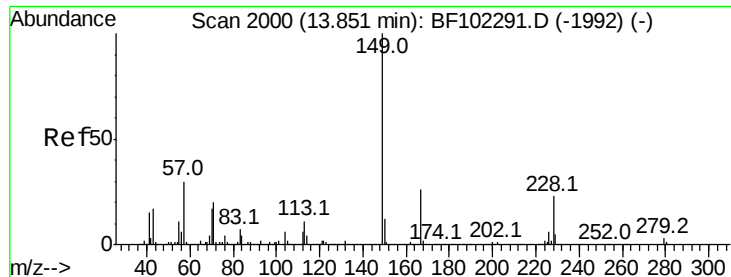
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.630 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

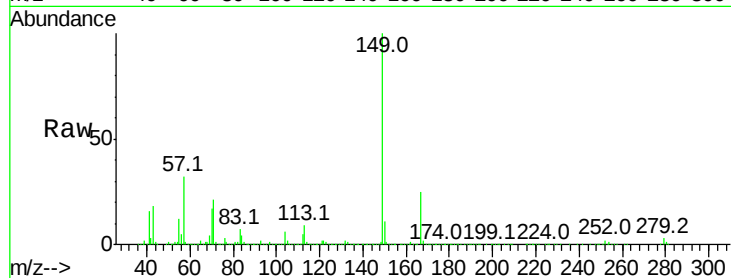
Tot Ion:149 Resp: 731598

Ion Ratio Lower Upper

149 100

167 25.2 21.3 31.9

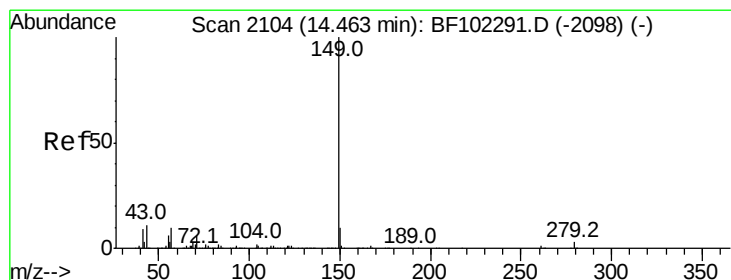
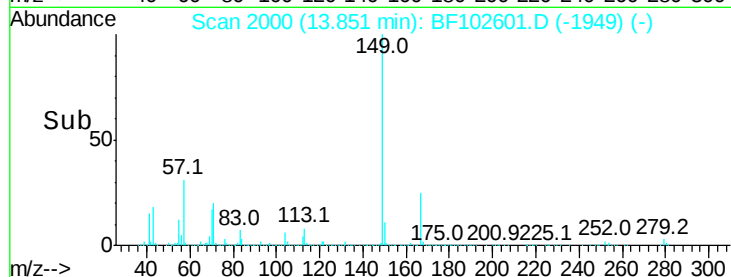
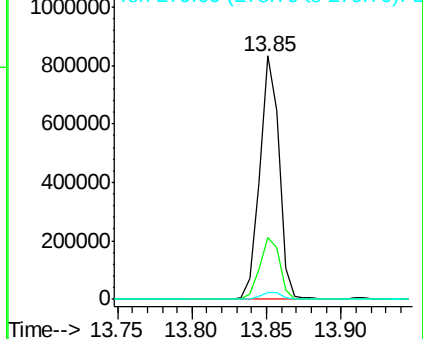
279 2.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.916 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

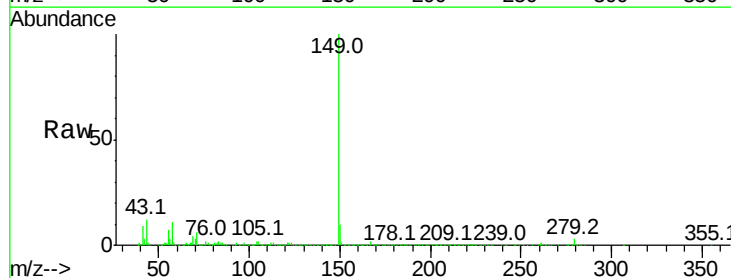
Tgt Ion:149 Resp: 1135561

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

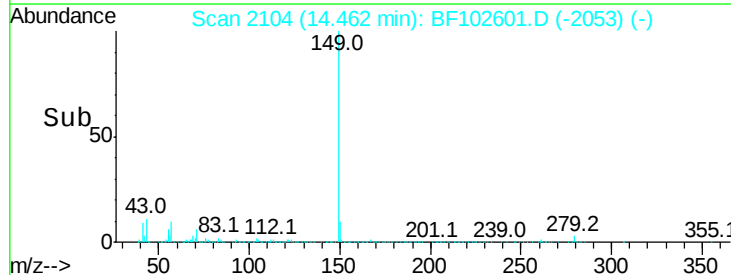
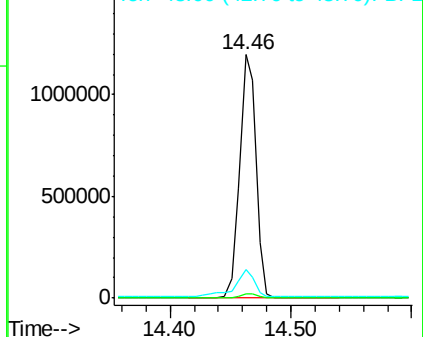
43 13.0 8.4 12.6#

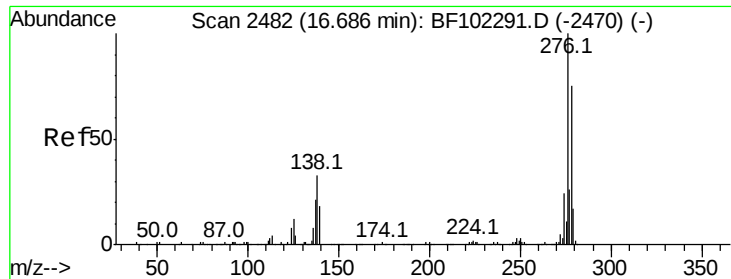


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.109 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

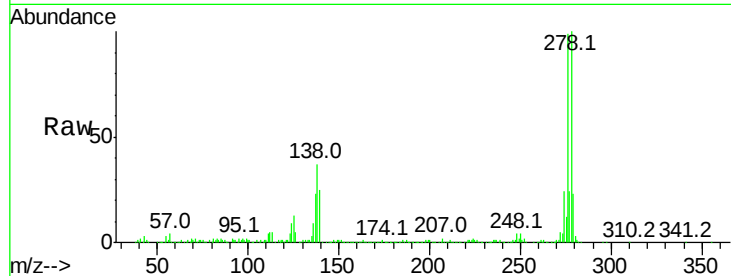
Tot Ion:276 Resp: 662170

Ion Ratio Lower Upper

276 100

138 34.7 25.0 37.6

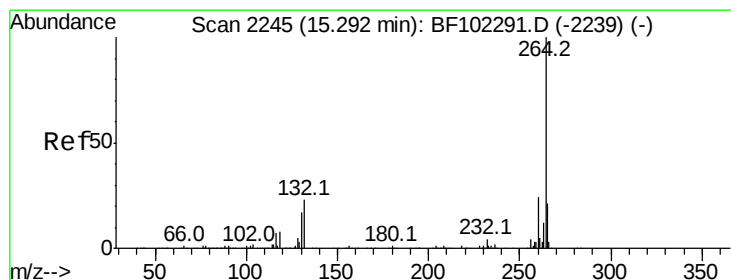
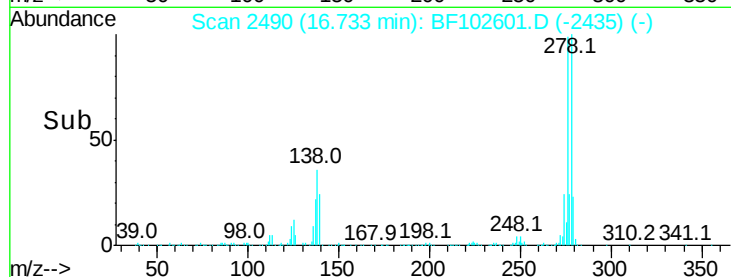
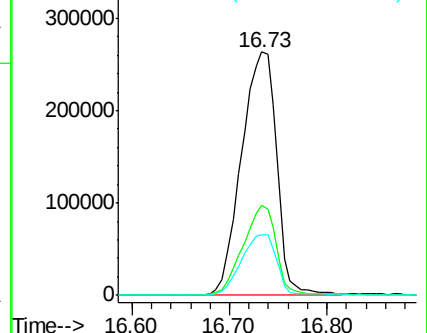
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

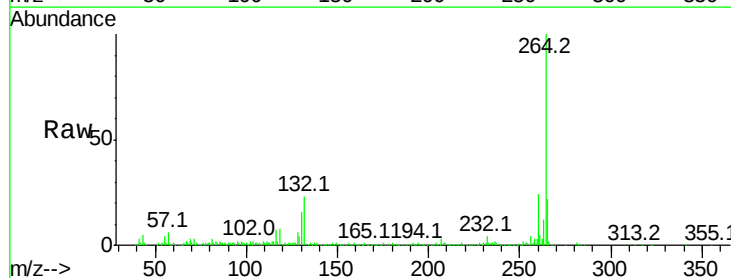
Tgt Ion:264 Resp: 313053

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

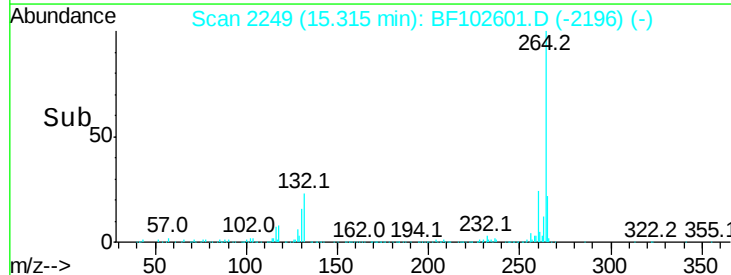
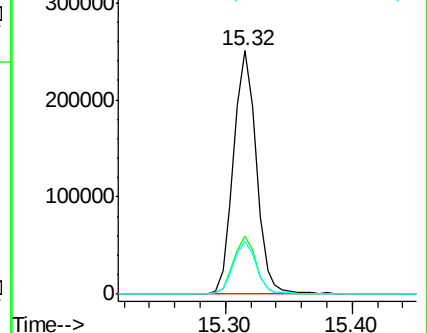
265 21.6 17.5 26.3

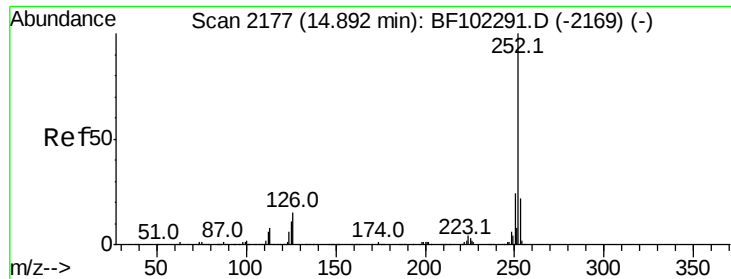


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.829 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

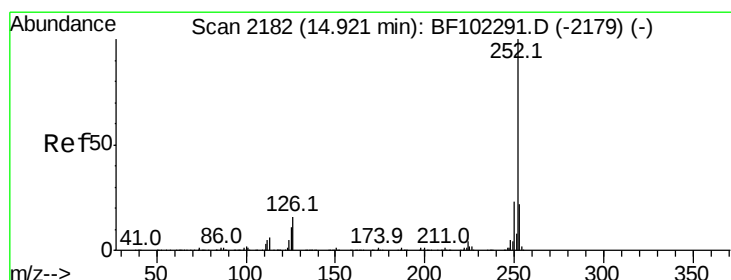
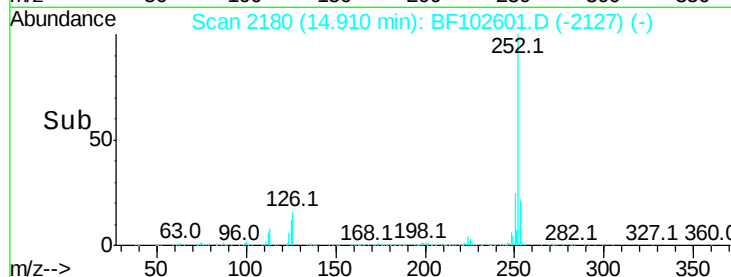
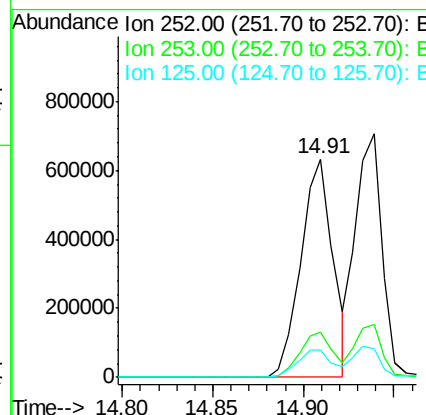
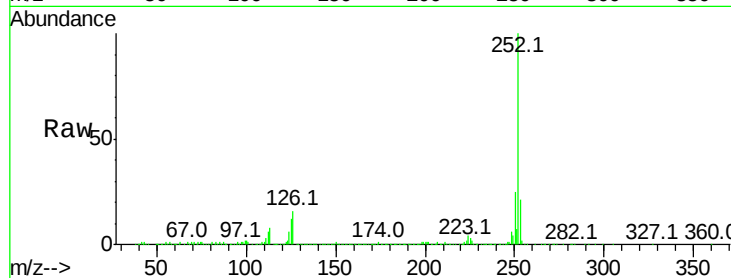
Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 787861

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.0	25.6
125	12.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 38.018 ng

RT: 14.94 min Scan# 2185

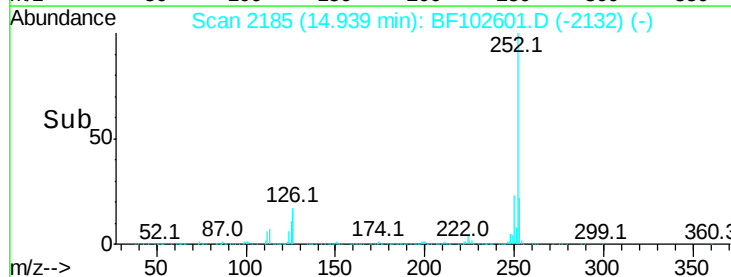
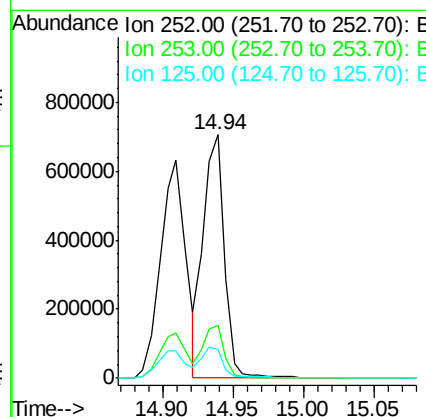
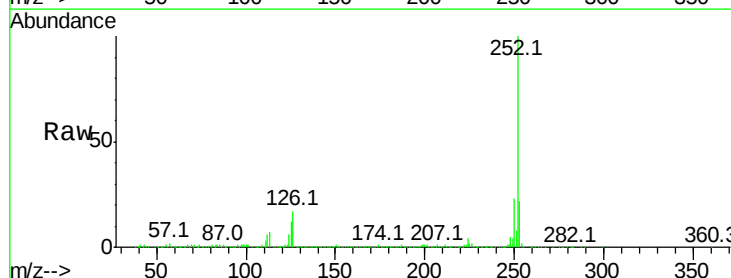
Delta R.T. 0.01 min

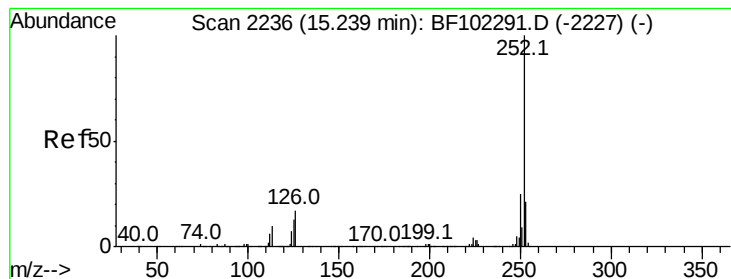
Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:252 Resp: 728810

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.989 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

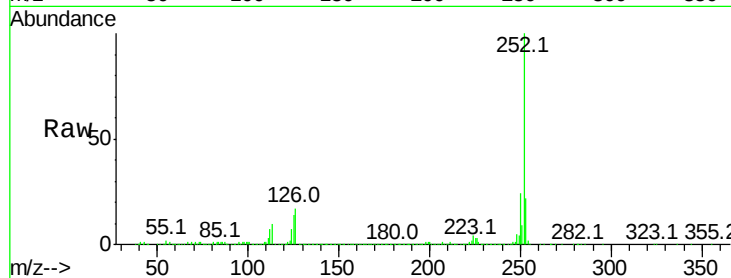
Tot Ion:252 Resp: 713500

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

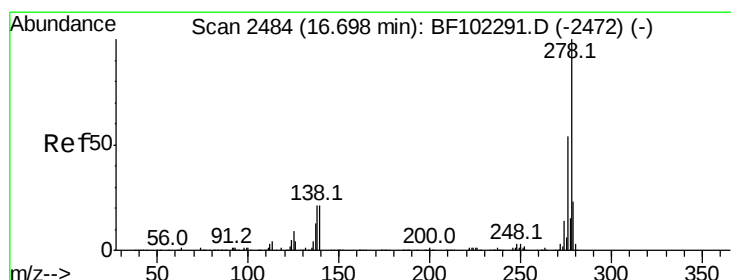
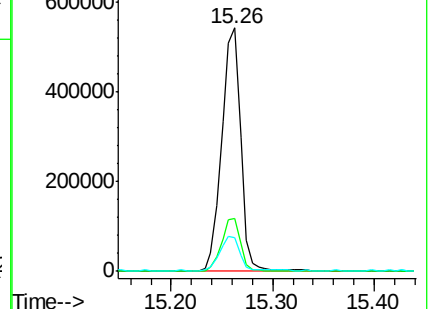
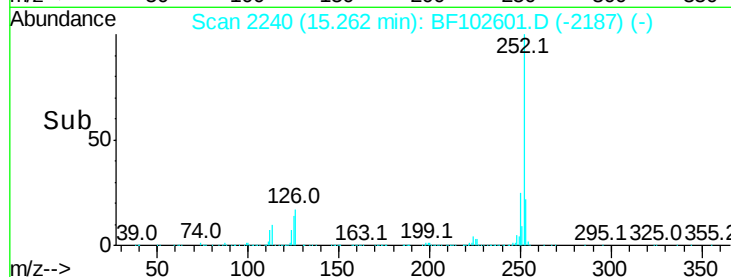
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.046 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.02 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

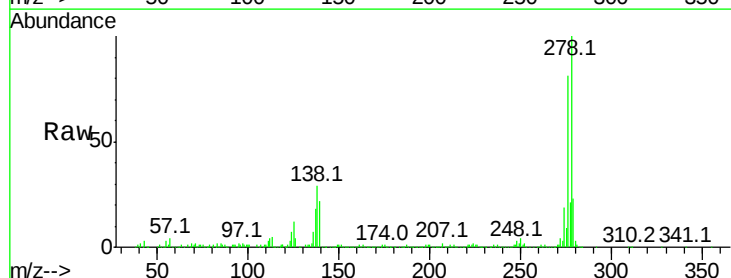
Tgt Ion:278 Resp: 549165

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

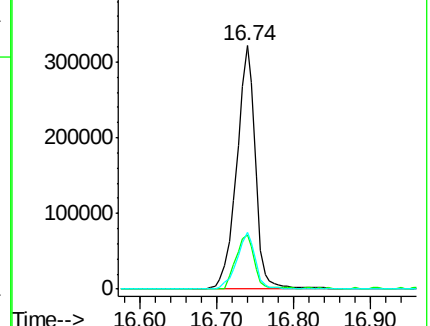
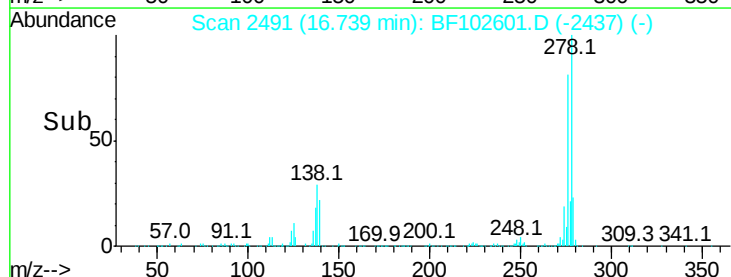
279 23.3 19.0 28.4

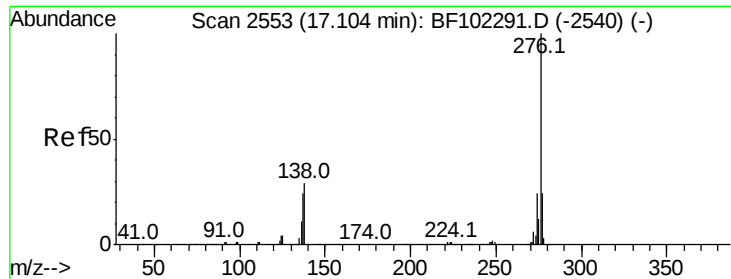


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.332 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

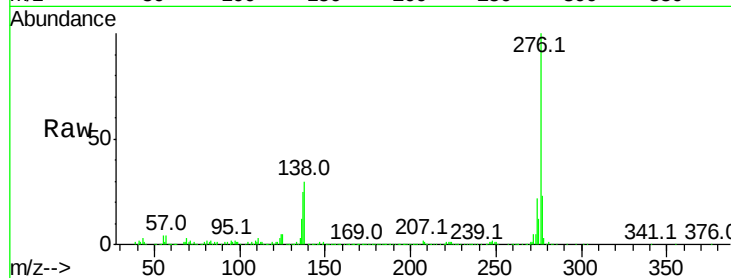
Tot Ion:276 Resp: 575699

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 29.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

